

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082341.D
 Acq On : 28 May 2024 12:52
 Operator : JC\MD
 Sample : VN0528WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2024
 Supervised By : Mahesh Dadoda 05/29/2024

Quant Time: May 29 06:47:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	226347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	337489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	163629	45.782	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.560%		
35) Dibromofluoromethane	8.171	113	114367	49.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.300%		
50) Toluene-d8	10.570	98	412460	46.236	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.480%		
62) 4-Bromofluorobenzene	12.853	95	154520	48.530	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	97.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53018	16.246	ug/l	99
3) Chloromethane	2.359	50	54802	14.818	ug/l	97
4) Vinyl Chloride	2.512	62	52557	15.116	ug/l	99
5) Bromomethane	2.953	94	33178	16.602	ug/l	97
6) Chloroethane	3.118	64	35823	15.779	ug/l	98
7) Trichlorofluoromethane	3.494	101	82780	18.182	ug/l	95
8) Diethyl Ether	3.965	74	32508	20.043	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	46974	17.662	ug/l	99
10) Methyl Iodide	4.589	142	42498	15.895	ug/l	94
11) Tert butyl alcohol	5.518	59	59275	103.317	ug/l	98
12) 1,1-Dichloroethene	4.341	96	43567	17.624	ug/l #	81
13) Acrolein	4.177	56	46576	109.553	ug/l	98
14) Allyl chloride	5.024	41	95609	18.065	ug/l #	88
15) Acrylonitrile	5.718	53	140197	94.354	ug/l	99
16) Acetone	4.424	43	130379	88.926	ug/l	92
17) Carbon Disulfide	4.712	76	116879	14.639	ug/l	97
18) Methyl Acetate	5.024	43	70007	19.173	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	183626	20.323	ug/l	97
20) Methylene Chloride	5.277	84	53875	18.213	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	46603	17.300	ug/l	88
22) Diisopropyl ether	6.671	45	200236	18.118	ug/l #	92
23) Vinyl Acetate	6.600	43	809357m	92.888	ug/l	
24) 1,1-Dichloroethane	6.571	63	101168	17.760	ug/l	98
25) 2-Butanone	7.482	43	205138	92.283	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	90153	18.895	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	59315	18.657	ug/l	82
28) Bromochloromethane	7.818	49	45245	17.683	ug/l #	81
29) Tetrahydrofuran	7.841	42	133083	93.245	ug/l #	85
30) Chloroform	7.965	83	103653	19.055	ug/l	99
31) Cyclohexane	8.259	56	88112m	15.436	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	91467	18.954	ug/l	94
36) 1,1-Dichloropropene	8.371	75	68846	17.642	ug/l	97
37) Ethyl Acetate	7.559	43	84644	19.381	ug/l #	94
38) Carbon Tetrachloride	8.365	117	77631	19.624	ug/l	96
39) Methylcyclohexane	9.606	83	75360	17.618	ug/l	90
40) Benzene	8.606	78	215863	18.550	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082341.D
 Acq On : 28 May 2024 12:52
 Operator : JC\MD
 Sample : VN0528WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2024
 Supervised By : Mahesh Dadoda 05/29/2024

Quant Time: May 29 06:47:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46841	18.237	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	89046	19.896	ug/l	95
43) Isopropyl Acetate	8.688	43	161434	20.861	ug/l #	88
44) Trichloroethene	9.353	130	50112	18.957	ug/l	94
45) 1,2-Dichloropropane	9.623	63	55250	18.401	ug/l	98
46) Dibromomethane	9.712	93	38228	19.393	ug/l	95
47) Bromodichloromethane	9.888	83	83451	20.053	ug/l	97
48) Methyl methacrylate	9.682	41	71947	19.512	ug/l #	82
49) 1,4-Dioxane	9.694	88	23371	452.308	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	441228	100.353	ug/l	90
52) Toluene	10.629	92	132617	18.990	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	90190	20.956	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	92938	20.400	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	52021	20.498	ug/l	96
56) Ethyl methacrylate	10.876	69	92133	21.383	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	92502	19.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	223838	100.717	ug/l	92
59) 2-Hexanone	11.200	43	324053	100.658	ug/l	90
60) Dibromochloromethane	11.359	129	63177	22.558	ug/l	100
61) 1,2-Dibromoethane	11.470	107	53089	20.367	ug/l	100
64) Tetrachloroethene	11.106	164	50525	20.198	ug/l	93
65) Chlorobenzene	11.894	112	145081	19.459	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	52740	21.475	ug/l	99
67) Ethyl Benzene	11.964	91	257319	19.293	ug/l	97
68) m/p-Xylenes	12.076	106	191854	39.249	ug/l	95
69) o-Xylene	12.400	106	94683	19.997	ug/l	93
70) Styrene	12.412	104	157968	20.085	ug/l	95
71) Bromoform	12.582	173	41042	21.419	ug/l #	99
73) Isopropylbenzene	12.700	105	242606	19.684	ug/l	97
74) N-amyl acetate	12.494	43	130449	19.242	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	70229	19.767	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	69377m	21.247	ug/l	
77) Bromobenzene	12.982	156	59029	20.097	ug/l	91
78) n-propylbenzene	13.035	91	279028	19.119	ug/l	97
79) 2-Chlorotoluene	13.123	91	174119	18.999	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	198040	19.872	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	28505	20.419	ug/l #	82
82) 4-Chlorotoluene	13.223	91	174024	19.421	ug/l	94
83) tert-Butylbenzene	13.441	119	172269	19.759	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	200631	19.678	ug/l	97
85) sec-Butylbenzene	13.617	105	230595	19.082	ug/l	99
86) p-Isopropyltoluene	13.729	119	194858	19.841	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	105734	19.870	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	105221	19.374	ug/l	97
89) n-Butylbenzene	14.058	91	169763	19.231	ug/l	97
90) Hexachloroethane	14.335	117	36138	19.860	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	100435	19.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16217	22.217	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	57033	20.200	ug/l	99
94) Hexachlorobutadiene	15.500	225	23615	19.061	ug/l	99
95) Naphthalene	15.641	128	198414	22.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	57775	20.441	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
Data File : VN082341.D
Acq On : 28 May 2024 12:52
Operator : JC\MD
Sample : VN0528WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024

Quant Time: May 29 06:47:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
Data File : VN082341.D
Acq On : 28 May 2024 12:52
Operator : JC\MD
Sample : VN0528WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

VN0528WBSD01

Manual Integrations

APPROVED

Reviewed By : John Carlone 05/29/2024

Supervised By : Mahesh Dadoda 05/29/2024

Quant Time: May 29 06:47:49 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M

Quant Title : SW846 8260

QLast Update : Thu May 16 05:21:06 2024

Response via : Initial Calibration

