

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082232.D
 Acq On : 21 May 2024 11:34
 Operator : JC\MD
 Sample : VN0521WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Quant Time: May 22 01:23:35 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	194900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144996	47.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.220%		
35) Dibromofluoromethane	8.171	113	100092	48.075	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	10.565	98	379194	47.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.020%		
62) 4-Bromofluorobenzene	12.847	95	132634	46.554	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	52438	18.661	ug/l	98
3) Chloromethane	2.359	50	58474	18.362	ug/l	99
4) Vinyl Chloride	2.512	62	56577	18.898	ug/l	100
5) Bromomethane	2.959	94	31633	18.383	ug/l	94
6) Chloroethane	3.124	64	37478	19.172	ug/l	99
7) Trichlorofluoromethane	3.495	101	78158	19.937	ug/l	99
8) Diethyl Ether	3.965	74	27320	19.562	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.377	101	45083	19.686	ug/l	97
10) Methyl Iodide	4.583	142	39205	17.029	ug/l #	98
11) Tert butyl alcohol	5.518	59	47053	95.247	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40537	19.044	ug/l	83
13) Acrolein	4.177	56	34054	93.023	ug/l	98
14) Allyl chloride	5.024	41	84413	18.523	ug/l #	89
15) Acrylonitrile	5.718	53	126385	98.782	ug/l	99
16) Acetone	4.424	43	116802	92.520	ug/l	96
17) Carbon Disulfide	4.712	76	117432	17.082	ug/l	100
18) Methyl Acetate	5.018	43	63058	20.057	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	151512	19.474	ug/l	95
20) Methylene Chloride	5.283	84	47917	18.812	ug/l #	75
21) trans-1,2-Dichloroethene	5.783	96	44341	19.116	ug/l #	80
22) Diisopropyl ether	6.665	45	182899	19.220	ug/l #	90
23) Vinyl Acetate	6.600	43	808586	107.773	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	94110	19.187	ug/l	97
25) 2-Butanone	7.483	43	184670	96.480	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	80898	19.691	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	52592	19.212	ug/l	79
28) Bromochloromethane	7.812	49	41251	18.750	ug/l #	76
29) Tetrahydrofuran	7.836	42	122285	99.504	ug/l #	81
30) Chloroform	7.965	83	90785	19.382	ug/l	100
31) Cyclohexane	8.259	56	86021	17.501	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	81500	19.613	ug/l	94
36) 1,1-Dichloropropene	8.371	75	65901	18.873	ug/l	96
37) Ethyl Acetate	7.559	43	75430	19.303	ug/l #	94
38) Carbon Tetrachloride	8.359	117	69321	19.584	ug/l	97
39) Methylcyclohexane	9.600	83	72201	18.864	ug/l #	86
40) Benzene	8.606	78	200270	19.233	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082232.D
 Acq On : 21 May 2024 11:34
 Operator : JC\MD
 Sample : VN0521WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

Quant Time: May 22 01:23:35 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	42502	18.494	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	78170	19.520	ug/l	94
43) Isopropyl Acetate	8.688	43	145400	20.999	ug/l #	86
44) Trichloroethene	9.353	130	44585	18.850	ug/l	93
45) 1,2-Dichloropropane	9.624	63	52540	19.556	ug/l	98
46) Dibromomethane	9.706	93	34615	19.625	ug/l	98
47) Bromodichloromethane	9.888	83	72988	19.602	ug/l #	96
48) Methyl methacrylate	9.682	41	64108	19.430	ug/l #	81
49) 1,4-Dioxane	9.694	88	18065	390.730	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	389832	99.089	ug/l	89
52) Toluene	10.630	92	121828	19.497	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	75004	19.476	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	81056	19.884	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	44863	19.757	ug/l	97
56) Ethyl methacrylate	10.877	69	75857	19.676	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	82463	19.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	201640	101.398	ug/l	90
59) 2-Hexanone	11.194	43	289585	100.529	ug/l	89
60) Dibromochloromethane	11.359	129	50657	20.214	ug/l	98
61) 1,2-Dibromoethane	11.471	107	44966	19.279	ug/l	99
64) Tetrachloroethene	11.106	164	45143	20.326	ug/l	97
65) Chlorobenzene	11.894	112	129996	19.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	44444	20.383	ug/l	99
67) Ethyl Benzene	11.965	91	230802	19.491	ug/l	99
68) m/p-Xylenes	12.071	106	169453	39.044	ug/l	92
69) o-Xylene	12.400	106	82258	19.566	ug/l	92
70) Styrene	12.412	104	139484	19.975	ug/l	96
71) Bromoform	12.576	173	32997	19.461	ug/l #	98
73) Isopropylbenzene	12.694	105	214719	19.637	ug/l	97
74) N-amyl acetate	12.494	43	111954	18.614	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	61561	19.531	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	58710m	20.267	ug/l	
77) Bromobenzene	12.982	156	49949	19.168	ug/l	88
78) n-propylbenzene	13.035	91	251943	19.458	ug/l	96
79) 2-Chlorotoluene	13.129	91	155063	19.072	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	177443	20.069	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	25042	20.219	ug/l #	83
82) 4-Chlorotoluene	13.223	91	156806	19.725	ug/l	94
83) tert-Butylbenzene	13.441	119	148033	19.138	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	178785	19.765	ug/l	98
85) sec-Butylbenzene	13.618	105	209939	19.582	ug/l	98
86) p-Isopropyltoluene	13.729	119	173177	19.875	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	90342	19.137	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	91193	18.926	ug/l	97
89) n-Butylbenzene	14.059	91	147027	18.774	ug/l	98
90) Hexachloroethane	14.335	117	31657	19.610	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	88702	19.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13013	20.094	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	46629	18.615	ug/l	98
94) Hexachlorobutadiene	15.500	225	19770	17.987	ug/l	94
95) Naphthalene	15.641	128	148554	18.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48047	19.161	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082232.D
Acq On : 21 May 2024 11:34
Operator : JC\MD
Sample : VN0521WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
Supervised By :Semsettin Yesilyurt 05/22/2024

Quant Time: May 22 01:23:35 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

