

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082462.D
 Acq On : 05 Jun 2024 11:38
 Operator : JC\MD
 Sample : VN0605WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 00:52:51 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	8.230	168	170500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	268371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134799	50.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.140%			
35) Dibromofluoromethane	8.165	113	97166	53.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	10.571	98	341453	49.238	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.480%			
62) 4-Bromofluorobenzene	12.853	95	122716	49.579	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41914	17.051	ug/l	99
3) Chloromethane	2.359	50	46232	16.595	ug/l	95
4) Vinyl Chloride	2.512	62	46557	17.777	ug/l	96
5) Bromomethane	2.959	94	27319	18.148	ug/l	93
6) Chloroethane	3.118	64	33241	19.438	ug/l	94
7) Trichlorofluoromethane	3.500	101	68421	19.951	ug/l	99
8) Diethyl Ether	3.965	74	24915	20.393	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	39704	19.818	ug/l	98
10) Methyl Iodide	4.595	142	34522	17.141	ug/l	94
11) Tert butyl alcohol	5.530	59	47277	109.396	ug/l	100
12) 1,1-Dichloroethene	4.347	96	34333	18.438	ug/l #	82
13) Acrolein	4.183	56	24157	75.432	ug/l	99
14) Allyl chloride	5.030	41	73143	18.347	ug/l #	90
15) Acrylonitrile	5.724	53	126101	112.665	ug/l	97
16) Acetone	4.430	43	120196	108.833	ug/l	93
17) Carbon Disulfide	4.718	76	85759	14.260	ug/l	97
18) Methyl Acetate	5.024	43	71335	25.936	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	145105	21.319	ug/l	95
20) Methylene Chloride	5.289	84	45815	20.561	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	37456	18.459	ug/l #	79
22) Diisopropyl ether	6.677	45	173623	20.856	ug/l #	91
23) Vinyl Acetate	6.606	43	668543	101.859	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	87545	20.403	ug/l	98
25) 2-Butanone	7.488	43	188738	112.716	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	75414	20.984	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	48359	20.194	ug/l	82
28) Bromochloromethane	7.818	49	32905	17.059	ug/l #	72
29) Tetrahydrofuran	7.841	42	124592	115.890	ug/l #	80
30) Chloroform	7.971	83	89175	21.763	ug/l	91
31) Cyclohexane	8.253	56	69976	16.274	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	78274	21.533	ug/l	95
36) 1,1-Dichloropropene	8.371	75	57719	19.026	ug/l	95
37) Ethyl Acetate	7.565	43	75177	22.143	ug/l #	93
38) Carbon Tetrachloride	8.365	117	64651	21.023	ug/l	98
39) Methylcyclohexane	9.606	83	54507	16.392	ug/l #	86
40) Benzene	8.612	78	181015	20.010	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082462.D
 Acq On : 05 Jun 2024 11:38
 Operator : JC\MD
 Sample : VN0605WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 00:52:51 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	7.783	41	41529	20.799	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	74027	21.277	ug/l	94
43) Isopropyl Acetate	8.694	43	136645	22.715	ug/l #	87
44) Trichloroethene	9.353	130	40460	19.689	ug/l	98
45) 1,2-Dichloropropane	9.624	63	49917	21.386	ug/l	98
46) Dibromomethane	9.712	93	33300	21.731	ug/l	95
47) Bromodichloromethane	9.888	83	71214	22.014	ug/l	98
48) Methyl methacrylate	9.682	41	61432	21.431	ug/l #	82
49) 1,4-Dioxane	9.694	88	19472	484.771	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	400482	117.171	ug/l	90
52) Toluene	10.629	92	111365	20.514	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	70830	21.170	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	75195	21.233	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	44534	22.574	ug/l	95
56) Ethyl methacrylate	10.876	69	71182	21.252	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	78908	21.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	158241	91.592	ug/l	90
59) 2-Hexanone	11.200	43	297239	118.770	ug/l	88
60) Dibromochloromethane	11.359	129	51158	23.498	ug/l	96
61) 1,2-Dibromoethane	11.471	107	42788	21.116	ug/l	99
64) Tetrachloroethene	11.106	164	40375	20.298	ug/l	95
65) Chlorobenzene	11.894	112	120535	20.331	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	44389	22.730	ug/l	99
67) Ethyl Benzene	11.965	91	207772	19.591	ug/l	100
68) m/p-Xylenes	12.076	106	155229	39.935	ug/l	94
69) o-Xylene	12.400	106	75198	19.972	ug/l	91
70) Styrene	12.412	104	129906	20.771	ug/l	98
71) Bromoform	12.582	173	35214	23.055	ug/l #	96
73) Isopropylbenzene	12.694	105	195135	19.446	ug/l	99
74) N-amyl acetate	12.494	43	107681	19.509	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	64487	22.294	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	60232m	22.656	ug/l	
77) Bromobenzene	12.982	156	47156	19.719	ug/l	85
78) n-propylbenzene	13.035	91	225524	18.979	ug/l	98
79) 2-Chlorotoluene	13.129	91	140163	18.785	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	160269	19.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23260	20.464	ug/l #	70
82) 4-Chlorotoluene	13.223	91	141146	19.347	ug/l	95
83) tert-Butylbenzene	13.441	119	134203	18.906	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	162651	19.594	ug/l	97
85) sec-Butylbenzene	13.617	105	188598	19.168	ug/l	98
86) p-Isopropyltoluene	13.729	119	156040	19.514	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	86589	19.986	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	86613	19.588	ug/l	96
89) n-Butylbenzene	14.059	91	133685	18.601	ug/l	97
90) Hexachloroethane	14.335	117	32447	21.901	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	83984	20.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13165	22.152	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	43949	19.119	ug/l	100
94) Hexachlorobutadiene	15.506	225	19389	19.222	ug/l	99
95) Naphthalene	15.641	128	142942	19.842	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44745	19.444	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
Data File : VN082462.D
Acq On : 05 Jun 2024 11:38
Operator : JC\MD
Sample : VN0605WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 00:52:51 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

