

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028915.D
 Acq On : 24 May 2022 12:49
 Operator : JC/MD
 Sample : VX0524WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 24 13:12:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	263592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182436	50.491	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.980%			
35) Dibromofluoromethane	5.385	113	146427	51.674	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.340%			
50) Toluene-d8	8.647	98	523754	49.025	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.040%			
62) 4-Bromofluorobenzene	11.079	95	203326	50.954	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	59031	17.103	ug/l	98
3) Chloromethane	1.288	50	50413	15.509	ug/l	99
4) Vinyl Chloride	1.374	62	54579	15.581	ug/l	99
5) Bromomethane	1.605	94	72881	26.862	ug/l	99
6) Chloroethane	1.685	64	37153	15.311	ug/l	100
7) Trichlorofluoromethane	1.886	101	91653	16.411	ug/l	96
8) Diethyl Ether	2.136	74	33994	16.705	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	53517	18.210	ug/l	98
10) Methyl Iodide	2.453	142	56241	15.984	ug/l	94
11) Tert butyl alcohol	2.959	59	89799	112.727	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	47542	17.427	ug/l	98
13) Acrolein	2.233	56	35672	60.148	ug/l	97
14) Allyl chloride	2.660	41	74697	17.072	ug/l	92
15) Acrylonitrile	3.063	53	160296	92.078	ug/l	100
16) Acetone	2.380	43	136762	88.193	ug/l	91
17) Carbon Disulfide	2.514	76	101963	14.418	ug/l	100
18) Methyl Acetate	2.703	43	73400	18.898	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	188806	19.503	ug/l	100
20) Methylene Chloride	2.788	84	57396	17.642	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	51947	16.905	ug/l	99
22) Diisopropyl ether	3.758	45	172490	18.448	ug/l #	83
23) Vinyl Acetate	3.721	43	737287	91.467	ug/l	97
24) 1,1-Dichloroethane	3.611	63	100301	18.452	ug/l	98
25) 2-Butanone	4.556	43	213749	87.814	ug/l	95
26) 2,2-Dichloropropane	4.477	77	78305	18.373	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	64753	18.042	ug/l	99
28) Bromochloromethane	4.898	49	41027	17.931	ug/l	100
29) Tetrahydrofuran	5.007	42	137457	86.877	ug/l	95
30) Chloroform	5.093	83	110672	18.812	ug/l	100
31) Cyclohexane	5.471	56	83558	16.660	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	95046	18.506	ug/l	100
36) 1,1-Dichloropropene	5.696	75	75563	17.754	ug/l	98
37) Ethyl Acetate	4.715	43	82153	18.480	ug/l	99
38) Carbon Tetrachloride	5.678	117	82570	19.277	ug/l	94
39) Methylcyclohexane	7.379	83	91062	18.657	ug/l	91
40) Benzene	6.038	78	225324	18.421	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028915.D
 Acq On : 24 May 2022 12:49
 Operator : JC/MD
 Sample : VX0524WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 24 13:12:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44516	18.676	ug/l	96
42) 1,2-Dichloroethane	6.086	62	89733	19.888	ug/l	97
43) Isopropyl Acetate	6.342	43	129039	18.554	ug/l	97
44) Trichloroethene	7.123	130	62425	18.817	ug/l	92
45) 1,2-Dichloropropane	7.434	63	57612	18.878	ug/l	96
46) Dibromomethane	7.580	93	43231	18.968	ug/l	95
47) Bromodichloromethane	7.824	83	81983	19.375	ug/l	97
48) Methyl methacrylate	7.696	41	65122	19.384	ug/l	89
49) 1,4-Dioxane	7.671	88	29662	353.415	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	427140	93.242	ug/l	96
52) Toluene	8.720	92	145667	18.512	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	82920	18.106	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	91395	19.196	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	63102	19.667	ug/l	99
56) Ethyl methacrylate	9.116	69	94433	19.435	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	104935	19.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	226131	95.059	ug/l	98
59) 2-Hexanone	9.433	43	326046	91.609	ug/l	93
60) Dibromochloromethane	9.519	129	63088	20.161	ug/l	95
61) 1,2-Dibromoethane	9.610	107	65535	19.447	ug/l	98
64) Tetrachloroethene	9.275	164	57816	19.517	ug/l	96
65) Chlorobenzene	10.080	112	159413	19.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	60791	20.622	ug/l	98
67) Ethyl Benzene	10.195	91	280467	18.803	ug/l	99
68) m/p-Xylenes	10.299	106	219757	37.842	ug/l	98
69) o-Xylene	10.640	106	107771	18.849	ug/l	96
70) Styrene	10.659	104	180424	19.432	ug/l	97
71) Bromoform	10.799	173	42549	18.622	ug/l #	100
73) Isopropylbenzene	10.964	105	287152	19.106	ug/l	99
74) N-amyl acetate	10.842	43	104359	17.665	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	98076	19.022	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89595m	19.304	ug/l	
77) Bromobenzene	11.201	156	67615	19.014	ug/l	96
78) n-propylbenzene	11.305	91	323768	18.624	ug/l	99
79) 2-Chlorotoluene	11.366	91	202531	19.008	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	250733	20.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23744	17.951	ug/l #	81
82) 4-Chlorotoluene	11.457	91	232307	18.859	ug/l	100
83) tert-Butylbenzene	11.713	119	241666	19.932	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	244995	19.509	ug/l	98
85) sec-Butylbenzene	11.890	105	298898	19.985	ug/l	100
86) p-Isopropyltoluene	12.012	119	256284	20.421	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	131907	18.912	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	131921	18.234	ug/l	97
89) n-Butylbenzene	12.335	91	212092	19.505	ug/l	99
90) Hexachloroethane	12.543	117	38508	18.974	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	131513	19.194	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22120	20.092	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	81542	20.605	ug/l	99
94) Hexachlorobutadiene	13.725	225	36115	22.463	ug/l	93
95) Naphthalene	13.774	128	289640	20.567	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	82599	20.781	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
Data File : VX028915.D
Acq On : 24 May 2022 12:49
Operator : JC/MD
Sample : VX0524WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

Quant Time: May 24 13:12:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

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

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

