

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027070.D
 Acq On : 17 Feb 2022 12:05
 Operator : JC/MD
 Sample : VX0217WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0217WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 03:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47678	48.185	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.380%		
35) Dibromofluoromethane	5.391	113	38472	48.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.800%		
50) Toluene-d8	8.653	98	145046	50.221	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.440%		
62) 4-Bromofluorobenzene	11.079	95	53215	52.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	17562	19.594	ug/l	98
3) Chloromethane	1.294	50	15961	19.142	ug/l	97
4) Vinyl Chloride	1.374	62	15848	18.157	ug/l	97
5) Bromomethane	1.611	94	9828	26.535	ug/l	92
6) Chloroethane	1.691	64	9748	18.599	ug/l	98
7) Trichlorofluoromethane	1.892	101	24702	19.231	ug/l	98
8) Diethyl Ether	2.136	74	8530	17.927	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	17252	20.491	ug/l	97
10) Methyl Iodide	2.459	142	18005	16.977	ug/l	96
11) Tert butyl alcohol	2.965	59	16799	93.979	ug/l	97
12) 1,1-Dichloroethene	2.325	96	16332	19.360	ug/l	87
13) Acrolein	2.239	56	14148	85.646	ug/l	99
14) Allyl chloride	2.666	41	29212	19.549	ug/l	96
15) Acrylonitrile	3.062	53	52673	102.829	ug/l	99
16) Acetone	2.380	43	48243	111.009	ug/l	96
17) Carbon Disulfide	2.514	76	40063	16.776	ug/l	99
18) Methyl Acetate	2.703	43	23407	18.720	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	57100	19.123	ug/l	97
20) Methylene Chloride	2.794	84	18750	19.912	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	17273	19.458	ug/l	98
22) Diisopropyl ether	3.764	45	60775	20.202	ug/l	97
23) Vinyl Acetate	3.721	43	251766	99.536	ug/l	97
24) 1,1-Dichloroethane	3.617	63	32526	19.980	ug/l	99
25) 2-Butanone	4.556	43	75126	107.294	ug/l	98
26) 2,2-Dichloropropane	4.483	77	23229	21.119	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	20869	20.475	ug/l	95
28) Bromochloromethane	4.904	49	11851	17.562	ug/l	98
29) Tetrahydrofuran	5.007	42	48424	101.728	ug/l	99
30) Chloroform	5.099	83	33981	20.091	ug/l	100
31) Cyclohexane	5.477	56	29877	19.003	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	29344	19.678	ug/l	99
36) 1,1-Dichloropropene	5.696	75	24697	19.897	ug/l	98
37) Ethyl Acetate	4.715	43	27076	19.194	ug/l	97
38) Carbon Tetrachloride	5.678	117	25758	19.789	ug/l	96
39) Methylcyclohexane	7.379	83	30715	20.178	ug/l	96
40) Benzene	6.044	78	73952	20.442	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027070.D
 Acq On : 17 Feb 2022 12:05
 Operator : JC/MD
 Sample : VX0217WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0217WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 03:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	16114	21.077	ug/l	97
42) 1,2-Dichloroethane	6.092	62	27355	21.459	ug/l	99
43) Isopropyl Acetate	6.342	43	43271	19.937	ug/l	99
44) Trichloroethene	7.129	130	21575	19.863	ug/l	99
45) 1,2-Dichloropropane	7.434	63	18562	20.280	ug/l	98
46) Dibromomethane	7.580	93	13326	21.041	ug/l	99
47) Bromodichloromethane	7.824	83	26027	21.459	ug/l	97
48) Methyl methacrylate	7.696	41	21853	20.320	ug/l	98
49) 1,4-Dioxane	7.665	88	7549	407.355	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	145234	110.423	ug/l	98
52) Toluene	8.720	92	47380	20.686	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	25049	19.913	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	28610	21.362	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	19427	22.405	ug/l	98
56) Ethyl methacrylate	9.116	69	29452	21.428	ug/l	95
57) 1,3-Dichloropropane	9.311	76	33037	22.188	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	65090	92.264	ug/l	98
59) 2-Hexanone	9.433	43	108494	112.777	ug/l	97
60) Dibromochloromethane	9.525	129	19834	22.231	ug/l	100
61) 1,2-Dibromoethane	9.610	107	20474	22.348	ug/l	98
64) Tetrachloroethene	9.275	164	22428	18.732	ug/l	95
65) Chlorobenzene	10.079	112	50872	20.634	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	18732	20.654	ug/l	98
67) Ethyl Benzene	10.195	91	91422	20.951	ug/l	99
68) m/p-Xylenes	10.305	106	69902	41.636	ug/l	97
69) o-Xylene	10.640	106	33727	20.502	ug/l	99
70) Styrene	10.659	104	56176	21.055	ug/l	98
71) Bromoform	10.799	173	13387	20.209	ug/l #	100
73) Isopropylbenzene	10.963	105	90973	21.037	ug/l	99
74) N-amyl acetate	10.848	43	34580	20.013	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	25408	21.651	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	25701m	21.386	ug/l	
77) Bromobenzene	11.201	156	21637	21.050	ug/l	95
78) n-propylbenzene	11.305	91	102345	21.349	ug/l	99
79) 2-Chlorotoluene	11.366	91	62314	21.037	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	75723	21.276	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6916	20.165	ug/l	99
82) 4-Chlorotoluene	11.457	91	70877	21.330	ug/l	98
83) tert-Butylbenzene	11.713	119	72124	21.262	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	75818	21.120	ug/l	98
85) sec-Butylbenzene	11.890	105	93012	21.632	ug/l	100
86) p-Isopropyltoluene	12.012	119	77989	21.410	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38950	20.679	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	39160	20.616	ug/l	98
89) n-Butylbenzene	12.335	91	64675	21.701	ug/l	98
90) Hexachloroethane	12.542	117	11666	22.158	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	37943	20.878	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5709	19.783	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	24053	20.971	ug/l	99
94) Hexachlorobutadiene	13.725	225	10497	21.637	ug/l	96
95) Naphthalene	13.780	128	82171	20.453	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24464	21.064	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
Data File : VX027070.D
Acq On : 17 Feb 2022 12:05
Operator : JC/MD
Sample : VX0217WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0217WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/18/2022
Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 03:47:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Feb 18 03:47:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

