

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027339.D
 Acq On : 08 Mar 2022 18:22
 Operator : JC/MD
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 00:17:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	368055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	581165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	526298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	251488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201209	46.879	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.760%		
35) Dibromofluoromethane	5.391	113	182751	48.733	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.460%		
50) Toluene-d8	8.653	98	698018	49.304	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.600%		
62) 4-Bromofluorobenzene	11.079	95	250608	46.445	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	74814	19.830	ug/l	99
3) Chloromethane	1.294	50	73038	18.410	ug/l	99
4) Vinyl Chloride	1.374	62	76557	18.776	ug/l	99
5) Bromomethane	1.599	94	48553	27.089	ug/l	97
6) Chloroethane	1.684	64	44605	17.740	ug/l	96
7) Trichlorofluoromethane	1.886	101	107121	18.866	ug/l	98
8) Diethyl Ether	2.136	74	42001	18.984	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	71895	19.367	ug/l	95
10) Methyl Iodide	2.453	142	103243	19.703	ug/l	100
11) Tert butyl alcohol	2.965	59	83896	99.708	ug/l	98
12) 1,1-Dichloroethene	2.319	96	69963	19.604	ug/l	93
13) Acrolein	2.239	56	53663	90.985	ug/l	96
14) Allyl chloride	2.666	41	103862	18.554	ug/l	94
15) Acrylonitrile	3.062	53	215044	97.111	ug/l	99
16) Acetone	2.379	43	168547	99.586	ug/l	99
17) Carbon Disulfide	2.507	76	174035	17.949	ug/l	99
18) Methyl Acetate	2.703	43	89403	18.949	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	225895	19.105	ug/l	99
20) Methylene Chloride	2.788	84	80475	19.192	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	75651	19.072	ug/l	97
22) Diisopropyl ether	3.763	45	216724	19.367	ug/l #	88
23) Vinyl Acetate	3.727	43	909300	97.131	ug/l	97
24) 1,1-Dichloroethane	3.611	63	130282	19.174	ug/l	99
25) 2-Butanone	4.562	43	281000	95.046	ug/l	100
26) 2,2-Dichloropropane	4.477	77	88462	18.158	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	87230	18.954	ug/l	95
28) Bromochloromethane	4.897	49	51797	18.321	ug/l	96
29) Tetrahydrofuran	5.007	42	190234	97.246	ug/l	95
30) Chloroform	5.098	83	137268	19.140	ug/l	96
31) Cyclohexane	5.476	56	117591	19.587	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	115156	18.787	ug/l	99
36) 1,1-Dichloropropene	5.696	75	100385	19.281	ug/l	98
37) Ethyl Acetate	4.714	43	106908	19.479	ug/l	100
38) Carbon Tetrachloride	5.684	117	103340	19.195	ug/l	98
39) Methylcyclohexane	7.385	83	128843	19.597	ug/l	98
40) Benzene	6.043	78	308199	19.435	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027339.D
 Acq On : 08 Mar 2022 18:22
 Operator : JC/MD
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Quant Time: Mar 09 00:17:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	57822	19.541	ug/l	96
42) 1,2-Dichloroethane	6.092	62	100553	19.411	ug/l	99
43) Isopropyl Acetate	6.342	43	154103	18.627	ug/l	100
44) Trichloroethene	7.129	130	83725	19.223	ug/l	98
45) 1,2-Dichloropropane	7.433	63	78540	19.766	ug/l	96
46) Dibromomethane	7.580	93	54667	19.338	ug/l	97
47) Bromodichloromethane	7.824	83	101155	19.376	ug/l	99
48) Methyl methacrylate	7.696	41	78094	18.982	ug/l	94
49) 1,4-Dioxane	7.659	88	43583	404.543	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	548278	98.985	ug/l	97
52) Toluene	8.720	92	201166	19.899	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	100711	18.801	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115346	19.183	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	82945	19.660	ug/l	98
56) Ethyl methacrylate	9.116	69	122073	19.616	ug/l	96
57) 1,3-Dichloropropane	9.311	76	133530	19.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	322681	102.701	ug/l	99
59) 2-Hexanone	9.433	43	417656	97.614	ug/l	96
60) Dibromochloromethane	9.525	129	81891	19.018	ug/l	96
61) 1,2-Dibromoethane	9.610	107	86281	19.803	ug/l	99
64) Tetrachloroethene	9.275	164	72151	19.562	ug/l	98
65) Chlorobenzene	10.079	112	217042	19.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	78116	20.179	ug/l	98
67) Ethyl Benzene	10.195	91	380659	19.935	ug/l	97
68) m/p-Xylenes	10.305	106	298476	39.850	ug/l	99
69) o-Xylene	10.640	106	145474	19.673	ug/l	100
70) Styrene	10.658	104	241205	19.651	ug/l	99
71) Bromoform	10.799	173	58910	18.633	ug/l #	99
73) Isopropylbenzene	10.963	105	384517	20.906	ug/l	99
74) N-amyl acetate	10.847	43	132074	19.647	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	125835	19.909	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	111337m	20.178	ug/l	
77) Bromobenzene	11.201	156	94396	20.338	ug/l	95
78) n-propylbenzene	11.305	91	426428	20.611	ug/l	98
79) 2-Chlorotoluene	11.366	91	258820	20.016	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	320005	20.293	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31117	18.239	ug/l	88
82) 4-Chlorotoluene	11.457	91	293802	20.085	ug/l	100
83) tert-Butylbenzene	11.719	119	322994	20.492	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	319307	20.417	ug/l	100
85) sec-Butylbenzene	11.890	105	389662	20.497	ug/l	100
86) p-Isopropyltoluene	12.012	119	328370	20.402	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	172466	19.779	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	171459	19.421	ug/l	98
89) n-Butylbenzene	12.335	91	267510	19.843	ug/l	98
90) Hexachloroethane	12.542	117	48833	19.466	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	169880	19.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27306	20.620	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	113547	20.120	ug/l	99
94) Hexachlorobutadiene	13.725	225	50370	20.355	ug/l	93
95) Naphthalene	13.780	128	394252	20.810	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115977	20.565	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027339.D
 Acq On : 08 Mar 2022 18:22
 Operator : JC/MD
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 VX0308WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 00:17:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

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

