

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032551.D
 Acq On : 03 Nov 2022 12:13
 Operator : JC/MD
 Sample : VX1103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 06:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65956	48.427	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.860%		
35) Dibromofluoromethane	5.379	113	53523	48.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	8.647	98	178987	46.897	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.800%		
62) 4-Bromofluorobenzene	11.079	95	70358	47.193	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23036	20.376	ug/l	98
3) Chloromethane	1.294	50	19076	19.952	ug/l	97
4) Vinyl Chloride	1.374	62	20851	19.816	ug/l	97
5) Bromomethane	1.611	94	21138	25.138	ug/l	95
6) Chloroethane	1.685	64	13469	19.081	ug/l	96
7) Trichlorofluoromethane	1.886	101	40402	20.264	ug/l	99
8) Diethyl Ether	2.130	74	13349	20.661	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	21486	20.418	ug/l	98
10) Methyl Iodide	2.453	142	23788	21.461	ug/l	99
11) Tert butyl alcohol	2.965	59	18377	92.703	ug/l	99
12) 1,1-Dichloroethene	2.319	96	19122	19.452	ug/l	95
13) Acrolein	2.233	56	22130	111.825	ug/l	98
14) Allyl chloride	2.660	41	31321	19.988	ug/l	99
15) Acrylonitrile	3.062	53	52378	97.358	ug/l	99
16) Acetone	2.380	43	48440	97.856	ug/l	96
17) Carbon Disulfide	2.514	76	44467	18.992	ug/l	99
18) Methyl Acetate	2.703	43	33481	20.799	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	70569	20.425	ug/l	100
20) Methylene Chloride	2.788	84	22662	19.967	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	21270	19.878	ug/l	95
22) Diisopropyl ether	3.757	45	67822	20.010	ug/l #	87
23) Vinyl Acetate	3.721	43	273754	99.969	ug/l	99
24) 1,1-Dichloroethane	3.605	63	39649	20.337	ug/l	98
25) 2-Butanone	4.556	43	73343	95.633	ug/l	96
26) 2,2-Dichloropropane	4.477	77	31422	20.275	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25119	20.309	ug/l	99
28) Bromochloromethane	4.897	49	13028	18.761	ug/l	99
29) Tetrahydrofuran	5.001	42	45552	93.147	ug/l	99
30) Chloroform	5.092	83	44406	20.758	ug/l	98
31) Cyclohexane	5.470	56	32336	19.581	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	38942	20.285	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30376	19.874	ug/l	98
37) Ethyl Acetate	4.708	43	29963	18.833	ug/l	97
38) Carbon Tetrachloride	5.678	117	33943	20.022	ug/l	97
39) Methylcyclohexane	7.379	83	36557	20.215	ug/l	99
40) Benzene	6.037	78	87200	20.161	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032551.D
 Acq On : 03 Nov 2022 12:13
 Operator : JC/MD
 Sample : VX1103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 06:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16530	20.395	ug/l	97
42) 1,2-Dichloroethane	6.086	62	36847	20.840	ug/l	99
43) Isopropyl Acetate	6.336	43	47922	19.618	ug/l	99
44) Trichloroethene	7.123	130	23757	19.511	ug/l	99
45) 1,2-Dichloropropane	7.427	63	22692	20.438	ug/l	97
46) Dibromomethane	7.580	93	17444	20.486	ug/l	99
47) Bromodichloromethane	7.824	83	33484	20.748	ug/l	98
48) Methyl methacrylate	7.696	41	24311	19.270	ug/l	97
49) 1,4-Dioxane	7.677	88	9155	380.772	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	152837	99.331	ug/l	100
52) Toluene	8.720	92	57195	20.268	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	33610	20.412	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	36409	20.673	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	24663	20.752	ug/l	98
56) Ethyl methacrylate	9.116	69	34709	20.295	ug/l	99
57) 1,3-Dichloropropane	9.311	76	38943	20.291	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	83394	101.268	ug/l	100
59) 2-Hexanone	9.433	43	111725	97.858	ug/l	100
60) Dibromochloromethane	9.518	129	27186	20.943	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25749	20.448	ug/l	98
64) Tetrachloroethene	9.275	164	21052	20.610	ug/l	96
65) Chlorobenzene	10.079	112	62226	19.905	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	23667	20.116	ug/l	99
67) Ethyl Benzene	10.195	91	112474	20.120	ug/l	100
68) m/p-Xylenes	10.299	106	86800	39.987	ug/l	100
69) o-Xylene	10.640	106	42379	20.080	ug/l	99
70) Styrene	10.659	104	70173	20.006	ug/l	100
71) Bromoform	10.799	173	18915	20.334	ug/l #	98
73) Isopropylbenzene	10.963	105	113233	19.977	ug/l	100
74) N-amyl acetate	10.841	43	43861	20.480	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	36212	19.903	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32272m	20.279	ug/l	
77) Bromobenzene	11.201	156	27852	20.043	ug/l	100
78) n-propylbenzene	11.305	91	133251	20.404	ug/l	99
79) 2-Chlorotoluene	11.366	91	77124	19.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	98896	20.415	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9635	19.266	ug/l	94
82) 4-Chlorotoluene	11.457	91	92390	20.188	ug/l	100
83) tert-Butylbenzene	11.713	119	97800	20.221	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	98196	20.380	ug/l	100
85) sec-Butylbenzene	11.890	105	120091	20.636	ug/l	100
86) p-Isopropyltoluene	12.012	119	101223	20.498	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	53311	20.338	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	54142	19.910	ug/l	100
89) n-Butylbenzene	12.335	91	87313	20.324	ug/l	99
90) Hexachloroethane	12.542	117	16867	20.912	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	53113	20.549	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7845	19.666	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	33504	19.880	ug/l	98
94) Hexachlorobutadiene	13.725	225	14240	20.232	ug/l	97
95) Naphthalene	13.774	128	109332	19.470	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33143	19.347	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032551.D
 Acq On : 03 Nov 2022 12:13
 Operator : JC/MD
 Sample : VX1103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 06:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

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

