

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027164.D
 Acq On : 24 Feb 2022 12:49
 Operator : JC/MD
 Sample : VX0224WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 00:02:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	76894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46855	50.736	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.480%			
35) Dibromofluoromethane	5.391	113	37752	49.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.000%			
50) Toluene-d8	8.647	98	144315	50.611	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.220%			
62) 4-Bromofluorobenzene	11.079	95	55217	50.448	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	15762	20.622	ug/l	100
3) Chloromethane	1.300	50	15239	21.328	ug/l	97
4) Vinyl Chloride	1.380	62	14434	20.281	ug/l	95
5) Bromomethane	1.605	94	9510	30.212	ug/l	100
6) Chloroethane	1.691	64	8777	20.084	ug/l	98
7) Trichlorofluoromethane	1.892	101	22918	20.705	ug/l	100
8) Diethyl Ether	2.136	74	8317	21.587	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	16240	21.061	ug/l	95
10) Methyl Iodide	2.459	142	21356	20.625	ug/l	96
11) Tert butyl alcohol	2.965	59	17945	99.871	ug/l	98
12) 1,1-Dichloroethene	2.325	96	15231	20.346	ug/l	90
13) Acrolein	2.239	56	14405	86.735	ug/l	99
14) Allyl chloride	2.666	41	27421	20.805	ug/l	96
15) Acrylonitrile	3.068	53	51240	111.133	ug/l	99
16) Acetone	2.380	43	42689	105.282	ug/l	91
17) Carbon Disulfide	2.514	76	39745	20.418	ug/l	100
18) Methyl Acetate	2.703	43	22576	21.571	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	55839	21.739	ug/l	98
20) Methylene Chloride	2.794	84	18039	21.465	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	16993	21.286	ug/l	97
22) Diisopropyl ether	3.763	45	56580	22.020	ug/l	96
23) Vinyl Acetate	3.727	43	241346	111.232	ug/l	96
24) 1,1-Dichloroethane	3.611	63	30622	21.082	ug/l	99
25) 2-Butanone	4.556	43	69779	108.062	ug/l	97
26) 2,2-Dichloropropane	4.477	77	21830	20.717	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	20065	21.672	ug/l	93
28) Bromochloromethane	4.903	49	10506	17.879	ug/l	90
29) Tetrahydrofuran	5.007	42	46790	108.265	ug/l	97
30) Chloroform	5.099	83	32206	21.347	ug/l	99
31) Cyclohexane	5.477	56	28409	20.540	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	27875	21.344	ug/l	99
36) 1,1-Dichloropropene	5.696	75	23199	20.845	ug/l	97
37) Ethyl Acetate	4.714	43	27618	22.601	ug/l	99
38) Carbon Tetrachloride	5.684	117	24278	20.915	ug/l	97
39) Methylcyclohexane	7.379	83	29461	21.280	ug/l	99
40) Benzene	6.037	78	70336	21.611	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027164.D
 Acq On : 24 Feb 2022 12:49
 Operator : JC/MD
 Sample : VX0224WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 00:02:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14840	22.138	ug/l	96
42) 1,2-Dichloroethane	6.092	62	25270	21.886	ug/l	96
43) Isopropyl Acetate	6.342	43	41233	21.935	ug/l	97
44) Trichloroethene	7.129	130	20649	21.209	ug/l	90
45) 1,2-Dichloropropane	7.433	63	17764	22.338	ug/l	99
46) Dibromomethane	7.580	93	12818	22.441	ug/l	95
47) Bromodichloromethane	7.824	83	24277	21.776	ug/l	98
48) Methyl methacrylate	7.696	41	20630	22.673	ug/l	94
49) 1,4-Dioxane	7.659	88	8711	423.477	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	137712	112.713	ug/l	96
52) Toluene	8.720	92	45616	21.888	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	23624	20.585	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	27715	22.271	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	18516	22.432	ug/l	99
56) Ethyl methacrylate	9.116	69	28351	22.061	ug/l	93
57) 1,3-Dichloropropane	9.311	76	31416	22.882	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	65352	105.498	ug/l	96
59) 2-Hexanone	9.433	43	104059	111.434	ug/l	95
60) Dibromochloromethane	9.525	129	19429	22.689	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19558	22.249	ug/l	100
64) Tetrachloroethene	9.275	164	21466	20.882	ug/l	92
65) Chlorobenzene	10.079	112	49290	21.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	17888	21.297	ug/l	99
67) Ethyl Benzene	10.195	91	85945	21.138	ug/l	97
68) m/p-Xylenes	10.299	106	68203	43.634	ug/l	96
69) o-Xylene	10.640	106	33490	21.348	ug/l	95
70) Styrene	10.659	104	55892	21.773	ug/l	97
71) Bromoform	10.799	173	13720	20.968	ug/l #	99
73) Isopropylbenzene	10.963	105	87647	22.324	ug/l	99
74) N-amyl acetate	10.841	43	33744	22.589	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	25836	22.280	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	22767m	20.601	ug/l	
77) Bromobenzene	11.201	156	21944	22.408	ug/l	92
78) n-propylbenzene	11.305	91	99493	22.296	ug/l	99
79) 2-Chlorotoluene	11.366	91	60286	22.047	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	73090	22.140	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7002	21.680	ug/l	94
82) 4-Chlorotoluene	11.457	91	68785	22.020	ug/l	96
83) tert-Butylbenzene	11.713	119	70443	21.944	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	73718	22.449	ug/l	98
85) sec-Butylbenzene	11.890	105	89191	22.159	ug/l	100
86) p-Isopropyltoluene	12.012	119	76735	22.363	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	39922	21.665	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	40200	21.336	ug/l	98
89) n-Butylbenzene	12.335	91	62704	21.863	ug/l	99
90) Hexachloroethane	12.542	117	11240	21.147	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	39673	22.066	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5877	21.830	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	24787	21.847	ug/l	99
94) Hexachlorobutadiene	13.725	225	10188	21.629	ug/l	98
95) Naphthalene	13.780	128	85724	22.235	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25001	21.984	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027164.D
 Acq On : 24 Feb 2022 12:49
 Operator : JC/MD
 Sample : VX0224WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 VX0224WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 00:02:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

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

