

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027185.D
 Acq On : 25 Feb 2022 13:45
 Operator : JC/MD
 Sample : VX0225WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 25 23:16:52 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	80237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48165	49.982	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.960%			
35) Dibromofluoromethane	5.385	113	39982	50.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	8.653	98	149840	50.570	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	57065	50.173	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	15306	19.191	ug/l	98
3) Chloromethane	1.294	50	14956	20.060	ug/l	100
4) Vinyl Chloride	1.380	62	13975	18.818	ug/l	99
5) Bromomethane	1.605	94	9103	27.631	ug/l	99
6) Chloroethane	1.685	64	8712	19.105	ug/l	97
7) Trichlorofluoromethane	1.892	101	22480	19.463	ug/l	97
8) Diethyl Ether	2.136	74	7950	19.775	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	15981	19.861	ug/l	96
10) Methyl Iodide	2.459	142	20226	18.720	ug/l	96
11) Tert butyl alcohol	2.965	59	19058	101.646	ug/l	97
12) 1,1-Dichloroethene	2.319	96	15184	19.438	ug/l	85
13) Acrolein	2.239	56	16537	95.424	ug/l	99
14) Allyl chloride	2.666	41	27497	19.993	ug/l	95
15) Acrylonitrile	3.069	53	51046	106.099	ug/l	100
16) Acetone	2.380	43	42977	101.577	ug/l	95
17) Carbon Disulfide	2.514	76	37376	18.401	ug/l	100
18) Methyl Acetate	2.709	43	22659	20.749	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	55448	20.687	ug/l	100
20) Methylene Chloride	2.794	84	17835	20.338	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	16547	19.864	ug/l	93
22) Diisopropyl ether	3.764	45	55872	20.839	ug/l	97
23) Vinyl Acetate	3.727	43	236491	104.453	ug/l	97
24) 1,1-Dichloroethane	3.617	63	29961	19.767	ug/l	99
25) 2-Butanone	4.562	43	71036	105.426	ug/l	100
26) 2,2-Dichloropropane	4.483	77	21539	19.589	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	19778	20.472	ug/l	94
28) Bromochloromethane	4.904	49	10255	16.724	ug/l	93
29) Tetrahydrofuran	5.007	42	47273	104.826	ug/l	97
30) Chloroform	5.099	83	31027	19.709	ug/l	95
31) Cyclohexane	5.471	56	28541	19.776	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	27168	19.935	ug/l	99
36) 1,1-Dichloropropene	5.696	75	23080	19.956	ug/l	97
37) Ethyl Acetate	4.721	43	26213	20.643	ug/l	97
38) Carbon Tetrachloride	5.678	117	23870	19.789	ug/l	97
39) Methylcyclohexane	7.385	83	29627	20.594	ug/l	93
40) Benzene	6.044	78	68939	20.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14591	20.947	ug/l	95
42) 1,2-Dichloroethane	6.086	62	25032	20.863	ug/l	98
43) Isopropyl Acetate	6.342	43	40825	20.900	ug/l	97
44) Trichloroethene	7.129	130	20825	20.584	ug/l	87
45) 1,2-Dichloropropane	7.434	63	17447	21.113	ug/l	98
46) Dibromomethane	7.586	93	12913	21.756	ug/l	95
47) Bromodichloromethane	7.824	83	23754	20.505	ug/l	99
48) Methyl methacrylate	7.696	41	21352	22.582	ug/l	97
49) 1,4-Dioxane	7.659	88	9329	436.437	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	141819	111.702	ug/l	99
52) Toluene	8.720	92	44497	20.547	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	23446	19.794	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	26859	20.770	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	18397	21.448	ug/l	98
56) Ethyl methacrylate	9.116	69	28253	21.156	ug/l	93
57) 1,3-Dichloropropane	9.311	76	30816	21.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	64173	99.693	ug/l	97
59) 2-Hexanone	9.433	43	107212	110.486	ug/l	96
60) Dibromochloromethane	9.525	129	18638	20.946	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19521	21.370	ug/l	99
64) Tetrachloroethene	9.275	164	21163	20.189	ug/l	94
65) Chlorobenzene	10.079	112	48151	20.388	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	18113	21.148	ug/l	96
67) Ethyl Benzene	10.195	91	85619	20.651	ug/l	98
68) m/p-Xylenes	10.299	106	66818	41.921	ug/l	97
69) o-Xylene	10.640	106	33195	20.750	ug/l	95
70) Styrene	10.659	104	55684	21.273	ug/l	97
71) Bromoform	10.799	173	13339	20.144	ug/l #	100
73) Isopropylbenzene	10.963	105	86475	21.364	ug/l	99
74) N-amyl acetate	10.842	43	32696	21.230	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	26413	22.093	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	25473m	22.357	ug/l	
77) Bromobenzene	11.201	156	21325	21.122	ug/l	93
78) n-propylbenzene	11.305	91	96832	21.048	ug/l	98
79) 2-Chlorotoluene	11.366	91	59696	21.175	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	73598	21.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6755	20.608	ug/l	95
82) 4-Chlorotoluene	11.457	91	67540	20.972	ug/l	97
83) tert-Butylbenzene	11.713	119	71810	21.698	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	73565	21.730	ug/l	98
85) sec-Butylbenzene	11.890	105	91489	22.047	ug/l	100
86) p-Isopropyltoluene	12.012	119	75431	21.323	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40134	21.126	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	40526	20.863	ug/l	99
89) n-Butylbenzene	12.335	91	62339	21.083	ug/l	99
90) Hexachloroethane	12.542	117	10988	20.052	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	38995	21.037	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5819	20.965	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	24140	20.638	ug/l	99
94) Hexachlorobutadiene	13.725	225	10256	21.119	ug/l	99
95) Naphthalene	13.780	128	85586	21.532	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24854	21.198	ug/l	99

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

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