

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027184.D
 Acq On : 25 Feb 2022 13:17
 Operator : JC/MD
 Sample : VX0225WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 25 23:16:28 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	84444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49399	48.708	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.420%			
35) Dibromofluoromethane	5.391	113	41284	50.182	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.360%			
50) Toluene-d8	8.653	98	157728	51.275	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.560%			
62) 4-Bromofluorobenzene	11.079	95	59555	50.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16161	19.253	ug/l	99
3) Chloromethane	1.301	50	15820	20.162	ug/l	98
4) Vinyl Chloride	1.380	62	14971	19.155	ug/l	97
5) Bromomethane	1.605	94	9597	27.681	ug/l	97
6) Chloroethane	1.691	64	9257	19.288	ug/l	98
7) Trichlorofluoromethane	1.892	101	23906	19.667	ug/l	98
8) Diethyl Ether	2.136	74	8036	18.993	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	16879	19.932	ug/l	95
10) Methyl Iodide	2.459	142	20558	18.080	ug/l	96
11) Tert butyl alcohol	2.965	59	18777	95.158	ug/l	98
12) 1,1-Dichloroethene	2.325	96	16015	19.481	ug/l	90
13) Acrolein	2.240	56	16444	90.160	ug/l	100
14) Allyl chloride	2.666	41	28656	19.798	ug/l	95
15) Acrylonitrile	3.069	53	51305	101.325	ug/l	98
16) Acetone	2.380	43	44379	99.665	ug/l	93
17) Carbon Disulfide	2.514	76	39914	18.672	ug/l	98
18) Methyl Acetate	2.709	43	22729	19.776	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	55364	19.627	ug/l	100
20) Methylene Chloride	2.794	84	18239	19.762	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	17366	19.808	ug/l	95
22) Diisopropyl ether	3.764	45	56811	20.133	ug/l	94
23) Vinyl Acetate	3.727	43	238777	100.208	ug/l	96
24) 1,1-Dichloroethane	3.611	63	31241	19.585	ug/l	99
25) 2-Butanone	4.556	43	70924	100.015	ug/l	98
26) 2,2-Dichloropropane	4.483	77	22529	19.469	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	20602	20.263	ug/l	94
28) Bromochloromethane	4.898	49	10300	15.961	ug/l	93
29) Tetrahydrofuran	5.007	42	47195	99.439	ug/l	97
30) Chloroform	5.099	83	33074	19.963	ug/l	98
31) Cyclohexane	5.471	56	29387	19.348	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	28018	19.535	ug/l	99
36) 1,1-Dichloropropene	5.696	75	24113	20.083	ug/l	96
37) Ethyl Acetate	4.721	43	25766	19.546	ug/l	97
38) Carbon Tetrachloride	5.684	117	25483	20.350	ug/l	99
39) Methylcyclohexane	7.385	83	30735	20.579	ug/l	95
40) Benzene	6.044	78	71421	20.341	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14925	20.639	ug/l	94
42) 1,2-Dichloroethane	6.092	62	25504	20.475	ug/l	97
43) Isopropyl Acetate	6.342	43	41421	20.426	ug/l	97
44) Trichloroethene	7.129	130	20963	19.959	ug/l	88
45) 1,2-Dichloropropane	7.434	63	18415	21.466	ug/l	99
46) Dibromomethane	7.586	93	12829	20.820	ug/l	95
47) Bromodichloromethane	7.824	83	24709	20.545	ug/l	99
48) Methyl methacrylate	7.696	41	20796	21.186	ug/l	95
49) 1,4-Dioxane	7.659	88	9355	421.569	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	138230	104.874	ug/l	97
52) Toluene	8.720	92	46709	20.776	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	23814	19.430	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	28332	21.104	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	18789	21.100	ug/l	98
56) Ethyl methacrylate	9.116	69	27961	20.168	ug/l	94
57) 1,3-Dichloropropane	9.311	76	31411	21.208	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	64957	97.202	ug/l	97
59) 2-Hexanone	9.433	43	105360	104.587	ug/l	96
60) Dibromochloromethane	9.525	129	19353	20.950	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19462	20.522	ug/l	99
64) Tetrachloroethene	9.275	164	21874	19.941	ug/l	94
65) Chlorobenzene	10.080	112	50294	20.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18373	20.499	ug/l	99
67) Ethyl Benzene	10.195	91	89500	20.628	ug/l	100
68) m/p-Xylenes	10.305	106	70045	41.994	ug/l	97
69) o-Xylene	10.640	106	34055	20.343	ug/l	97
70) Styrene	10.659	104	56666	20.686	ug/l	98
71) Bromoform	10.799	173	13224	19.256	ug/l #	99
73) Isopropylbenzene	10.964	105	90299	21.242	ug/l	99
74) N-amyl acetate	10.842	43	34114	21.091	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	26554	21.148	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22721m	18.988	ug/l	
77) Bromobenzene	11.201	156	22212	20.948	ug/l	94
78) n-propylbenzene	11.305	91	101884	21.087	ug/l	98
79) 2-Chlorotoluene	11.366	91	61277	20.696	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	76214	21.321	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6640	19.609	ug/l	97
82) 4-Chlorotoluene	11.457	91	71028	21.000	ug/l	97
83) tert-Butylbenzene	11.713	119	71922	20.693	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	75522	21.240	ug/l	98
85) sec-Butylbenzene	11.890	105	94037	21.577	ug/l	99
86) p-Isopropyltoluene	12.012	119	79419	21.376	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40828	20.463	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	41358	20.273	ug/l	98
89) n-Butylbenzene	12.335	91	63288	20.380	ug/l	98
90) Hexachloroethane	12.543	117	11626	20.201	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	40054	20.575	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5751	19.729	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	25144	20.468	ug/l	98
94) Hexachlorobutadiene	13.725	225	10346	20.285	ug/l	99
95) Naphthalene	13.780	128	87754	21.022	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25540	20.741	ug/l	98

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

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