

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027163.D
 Acq On : 24 Feb 2022 12:12
 Operator : JC/MD
 Sample : VX0224WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 25 00:02:22 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	81804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47962	48.818	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.640%		
35) Dibromofluoromethane	5.391	113	40500	50.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.200%		
50) Toluene-d8	8.653	98	150366	49.749	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.500%		
62) 4-Bromofluorobenzene	11.079	95	57101	49.217	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16511	20.305	ug/l	100
3) Chloromethane	1.301	50	16231	21.353	ug/l	96
4) Vinyl Chloride	1.380	62	15228	20.113	ug/l	99
5) Bromomethane	1.605	94	9411	28.032	ug/l	94
6) Chloroethane	1.691	64	9196	19.780	ug/l	99
7) Trichlorofluoromethane	1.892	101	24114	20.478	ug/l	100
8) Diethyl Ether	2.136	74	8406	20.509	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	17414	21.228	ug/l	97
10) Methyl Iodide	2.459	142	21132	19.184	ug/l	95
11) Tert butyl alcohol	2.965	59	18044	94.394	ug/l	95
12) 1,1-Dichloroethene	2.325	96	16520	20.744	ug/l	89
13) Acrolein	2.239	56	14415	81.586	ug/l	99
14) Allyl chloride	2.666	41	28853	20.577	ug/l	95
15) Acrylonitrile	3.069	53	51887	105.781	ug/l	98
16) Acetone	2.380	43	44939	104.179	ug/l	94
17) Carbon Disulfide	2.514	76	41951	20.258	ug/l	100
18) Methyl Acetate	2.709	43	22888	20.557	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	56589	20.708	ug/l	97
20) Methylene Chloride	2.794	84	18708	20.924	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	18076	21.283	ug/l	93
22) Diisopropyl ether	3.764	45	58548	21.419	ug/l	98
23) Vinyl Acetate	3.727	43	243013	105.278	ug/l	97
24) 1,1-Dichloroethane	3.611	63	32410	20.974	ug/l	99
25) 2-Butanone	4.556	43	70535	102.677	ug/l	98
26) 2,2-Dichloropropane	4.477	77	22970	20.490	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	20796	21.114	ug/l	95
28) Bromochloromethane	4.904	49	11116	17.781	ug/l	95
29) Tetrahydrofuran	5.007	42	47416	103.129	ug/l	96
30) Chloroform	5.099	83	33490	20.866	ug/l	100
31) Cyclohexane	5.471	56	30281	20.580	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	28922	20.816	ug/l	99
36) 1,1-Dichloropropene	5.690	75	25047	21.231	ug/l	98
37) Ethyl Acetate	4.721	43	26727	20.634	ug/l	98
38) Carbon Tetrachloride	5.684	117	25651	20.848	ug/l	97
39) Methylcyclohexane	7.385	83	31463	21.440	ug/l	96
40) Benzene	6.044	78	73846	21.405	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15156	21.330	ug/l	95
42) 1,2-Dichloroethane	6.092	62	25957	21.209	ug/l	98
43) Isopropyl Acetate	6.342	43	41714	20.935	ug/l	97
44) Trichloroethene	7.129	130	21302	20.641	ug/l	100
45) 1,2-Dichloropropane	7.434	63	18288	21.696	ug/l	98
46) Dibromomethane	7.580	93	12843	21.213	ug/l	94
47) Bromodichloromethane	7.824	83	25155	21.287	ug/l	99
48) Methyl methacrylate	7.696	41	20543	21.299	ug/l	96
49) 1,4-Dioxane	7.659	88	9040	414.600	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	139066	107.379	ug/l	97
52) Toluene	8.720	92	47108	21.325	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	24311	20.072	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	27798	21.073	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	19026	21.745	ug/l	97
56) Ethyl methacrylate	9.116	69	28542	20.952	ug/l	94
57) 1,3-Dichloropropane	9.311	76	31297	21.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	65512	99.771	ug/l	96
59) 2-Hexanone	9.433	43	105121	106.200	ug/l	97
60) Dibromochloromethane	9.525	129	19224	21.180	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19899	21.355	ug/l	100
64) Tetrachloroethene	9.275	164	22160	21.032	ug/l	95
65) Chlorobenzene	10.080	112	51299	21.610	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18360	21.327	ug/l	99
67) Ethyl Benzene	10.195	91	90162	21.635	ug/l	97
68) m/p-Xylenes	10.305	106	70615	44.077	ug/l	96
69) o-Xylene	10.640	106	33943	21.110	ug/l	97
70) Styrene	10.659	104	57550	21.873	ug/l	97
71) Bromoform	10.799	173	13322	20.037	ug/l #	99
73) Isopropylbenzene	10.964	105	90715	22.343	ug/l	100
74) N-amyl acetate	10.842	43	33580	21.737	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	26262	21.899	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	22691m	19.854	ug/l	
77) Bromobenzene	11.201	156	22181	21.903	ug/l	93
78) n-propylbenzene	11.305	91	102645	22.243	ug/l	99
79) 2-Chlorotoluene	11.366	91	62200	21.996	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	75476	22.108	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6862	20.807	ug/l	97
82) 4-Chlorotoluene	11.457	91	70935	21.959	ug/l	96
83) tert-Butylbenzene	11.713	119	71869	21.650	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	75577	22.255	ug/l	97
85) sec-Butylbenzene	11.890	105	93200	22.391	ug/l	99
86) p-Isopropyltoluene	12.012	119	78602	22.151	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41294	21.670	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	40866	20.974	ug/l	98
89) n-Butylbenzene	12.335	91	64241	21.660	ug/l	99
90) Hexachloroethane	12.543	117	11306	20.569	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	39785	21.397	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5922	21.271	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	24766	21.108	ug/l	97
94) Hexachlorobutadiene	13.725	225	10573	21.705	ug/l	99
95) Naphthalene	13.774	128	85820	21.525	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25053	21.302	ug/l	98

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

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