

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025473.D
 Acq On : 03 Dec 2021 11:34
 Operator : JC/MD
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 06:46:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	86958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47289	51.592	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.180%			
35) Dibromofluoromethane	5.385	113	41823	49.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	8.653	98	152175	48.172	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.340%			
62) 4-Bromofluorobenzene	11.085	95	56576	47.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15667	20.784	ug/l	98
3) Chloromethane	1.294	50	15930	17.068	ug/l	96
4) Vinyl Chloride	1.373	62	17601	17.176	ug/l	99
5) Bromomethane	1.599	94	10365	23.527	ug/l	99
6) Chloroethane	1.684	64	11649	16.476	ug/l	100
7) Trichlorofluoromethane	1.886	101	28682	18.858	ug/l	97
8) Diethyl Ether	2.136	74	11649	18.559	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	16702	20.639	ug/l	98
10) Methyl Iodide	2.453	142	15131	14.954	ug/l	93
11) Tert butyl alcohol	2.959	59	19764	81.129	ug/l	97
12) 1,1-Dichloroethene	2.318	96	15638	19.403	ug/l	90
13) Acrolein	2.233	56	3869	92.138	ug/l	98
14) Allyl chloride	2.666	41	25609	17.557	ug/l	96
15) Acrylonitrile	3.062	53	46141	93.807	ug/l	99
16) Acetone	2.379	43	50345	98.848	ug/l	97
17) Carbon Disulfide	2.513	76	33671	14.851	ug/l	98
18) Methyl Acetate	2.702	43	29946	18.402	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	54745	19.495	ug/l	96
20) Methylene Chloride	2.788	84	17934	18.732	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	16519	18.709	ug/l	84
22) Diisopropyl ether	3.763	45	53778	19.360	ug/l	95
23) Vinyl Acetate	3.721	43	208532	93.457	ug/l	97
24) 1,1-Dichloroethane	3.611	63	29202	19.239	ug/l	98
25) 2-Butanone	4.556	43	69787	94.773	ug/l	97
26) 2,2-Dichloropropane	4.477	77	25348	18.420	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	20137	19.530	ug/l	92
28) Bromochloromethane	4.897	49	13530	19.117	ug/l	91
29) Tetrahydrofuran	5.007	42	41398	90.797	ug/l	98
30) Chloroform	5.092	83	32002	20.260	ug/l	97
31) Cyclohexane	5.470	56	26403	18.641	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	28410	19.645	ug/l	98
36) 1,1-Dichloropropene	5.696	75	22657	18.964	ug/l	97
37) Ethyl Acetate	4.714	43	24930	18.341	ug/l	99
38) Carbon Tetrachloride	5.678	117	24900	18.923	ug/l	99
39) Methylcyclohexane	7.378	83	28175	18.386	ug/l	95
40) Benzene	6.037	78	68614	18.959	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	13630	18.066	ug/l	96
42) 1,2-Dichloroethane	6.086	62	23987	20.369	ug/l	94
43) Isopropyl Acetate	6.342	43	40479	17.894	ug/l	99
44) Trichloroethene	7.129	130	20254	19.265	ug/l	91
45) 1,2-Dichloropropane	7.433	63	17006	19.132	ug/l	96
46) Dibromomethane	7.580	93	12508	19.384	ug/l	94
47) Bromodichloromethane	7.824	83	23484	18.519	ug/l	97
48) Methyl methacrylate	7.695	41	18907	17.809	ug/l	96
49) 1,4-Dioxane	7.659	88	7785	347.238	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	128725	90.749	ug/l	98
52) Toluene	8.720	92	45480	19.248	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	23499	16.664	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	27229	17.813	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	18892	20.117	ug/l	98
56) Ethyl methacrylate	9.116	69	27621	18.124	ug/l	96
57) 1,3-Dichloropropane	9.311	76	30115	19.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	65132	91.862	ug/l	93
59) 2-Hexanone	9.433	43	101790	91.023	ug/l	98
60) Dibromochloromethane	9.524	129	18848	17.438	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19219	18.896	ug/l	99
64) Tetrachloroethene	9.274	164	19945	19.323	ug/l	95
65) Chlorobenzene	10.079	112	49501	19.406	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	18199	18.605	ug/l	98
67) Ethyl Benzene	10.195	91	86578	19.641	ug/l	96
68) m/p-Xylenes	10.305	106	68818	38.222	ug/l	95
69) o-Xylene	10.646	106	33870	19.220	ug/l	95
70) Styrene	10.658	104	55494	19.062	ug/l	97
71) Bromoform	10.799	173	13756	16.198	ug/l #	98
73) Isopropylbenzene	10.963	105	88383	19.799	ug/l	97
74) N-amyl acetate	10.841	43	33078	17.132	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	28004	19.394	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	24375m	19.004	ug/l	
77) Bromobenzene	11.201	156	21969	19.136	ug/l	95
78) n-propylbenzene	11.305	91	98566	19.671	ug/l	97
79) 2-Chlorotoluene	11.366	91	59549	19.521	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	73839	19.678	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7140	14.023	ug/l	97
82) 4-Chlorotoluene	11.457	91	67546	19.397	ug/l	97
83) tert-Butylbenzene	11.719	119	74901	19.642	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	73534	19.828	ug/l	96
85) sec-Butylbenzene	11.890	105	93579	20.185	ug/l	98
86) p-Isopropyltoluene	12.012	119	77822	19.537	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41813	19.566	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	41474	19.153	ug/l	99
89) n-Butylbenzene	12.335	91	63430	18.893	ug/l	97
90) Hexachloroethane	12.542	117	11528	15.705	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	40944	19.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5114	16.956	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	24259	19.790	ug/l	98
94) Hexachlorobutadiene	13.725	225	11288	19.178	ug/l	97
95) Naphthalene	13.780	128	77259	18.041	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24709	20.605	ug/l	98

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

