

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025420.D
 Acq On : 02 Dec 2021 11:59
 Operator : JC/MD
 Sample : VX1202WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 03 03:04:50 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	89991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	51942	54.758	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.520%			
35) Dibromofluoromethane	5.385	113	45732	53.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	8.647	98	167044	51.518	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.040%			
62) 4-Bromofluorobenzene	11.079	95	62744	51.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16790	21.523	ug/l	97
3) Chloromethane	1.288	50	16821	17.415	ug/l	97
4) Vinyl Chloride	1.374	62	18291	17.248	ug/l	99
5) Bromomethane	1.599	94	11264	24.706	ug/l	95
6) Chloroethane	1.685	64	12867	17.585	ug/l	99
7) Trichlorofluoromethane	1.886	101	30121	19.137	ug/l	99
8) Diethyl Ether	2.136	74	12302	18.938	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	17102	20.421	ug/l	97
10) Methyl Iodide	2.453	142	17997	17.187	ug/l	91
11) Tert butyl alcohol	2.965	59	22461	90.003	ug/l	96
12) 1,1-Dichloroethene	2.319	96	15993	19.175	ug/l	90
13) Acrolein	2.233	56	4301	98.974	ug/l	100
14) Allyl chloride	2.660	41	27233	18.041	ug/l	95
15) Acrylonitrile	3.062	53	52034	102.223	ug/l	98
16) Acetone	2.380	43	51784	98.247	ug/l	96
17) Carbon Disulfide	2.508	76	36944	15.745	ug/l	100
18) Methyl Acetate	2.703	43	32717	19.428	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	58427	20.104	ug/l	98
20) Methylene Chloride	2.788	84	19071	19.248	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	17005	18.611	ug/l	92
22) Diisopropyl ether	3.763	45	56852	19.776	ug/l	95
23) Vinyl Acetate	3.721	43	226856	98.242	ug/l	95
24) 1,1-Dichloroethane	3.611	63	30838	19.632	ug/l	96
25) 2-Butanone	4.556	43	75128	98.587	ug/l	96
26) 2,2-Dichloropropane	4.477	77	26692	18.743	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	20767	19.462	ug/l	92
28) Bromochloromethane	4.897	49	15661	21.382	ug/l	91
29) Tetrahydrofuran	5.007	42	46415	98.370	ug/l	97
30) Chloroform	5.093	83	33646	20.583	ug/l	95
31) Cyclohexane	5.471	56	27094	18.484	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	29141	19.471	ug/l	98
36) 1,1-Dichloropropene	5.690	75	23749	19.367	ug/l	98
37) Ethyl Acetate	4.715	43	27732	19.877	ug/l	99
38) Carbon Tetrachloride	5.678	117	25734	19.053	ug/l	99
39) Methylcyclohexane	7.379	83	29587	18.810	ug/l	93
40) Benzene	6.037	78	72051	19.396	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	15368	19.846	ug/l	98
42) 1,2-Dichloroethane	6.086	62	25729	21.286	ug/l	93
43) Isopropyl Acetate	6.342	43	45211	19.472	ug/l	98
44) Trichloroethene	7.129	130	21123	19.574	ug/l	90
45) 1,2-Dichloropropane	7.434	63	18488	20.264	ug/l	97
46) Dibromomethane	7.580	93	13626	20.573	ug/l	94
47) Bromodichloromethane	7.824	83	25214	19.372	ug/l	98
48) Methyl methacrylate	7.696	41	20813	19.099	ug/l	97
49) 1,4-Dioxane	7.659	88	9665	419.996	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	142440	97.833	ug/l	98
52) Toluene	8.720	92	46704	19.258	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	26887	18.576	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	29035	18.506	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	20043	20.793	ug/l	95
56) Ethyl methacrylate	9.116	69	29875	19.099	ug/l	96
57) 1,3-Dichloropropane	9.311	76	32401	20.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	72377	99.452	ug/l	95
59) 2-Hexanone	9.433	43	110059	95.884	ug/l	97
60) Dibromochloromethane	9.525	129	20734	18.689	ug/l	97
61) 1,2-Dibromoethane	9.610	107	20628	19.759	ug/l	97
64) Tetrachloroethene	9.275	164	21678	20.323	ug/l	92
65) Chlorobenzene	10.079	112	52734	20.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20079	19.862	ug/l	97
67) Ethyl Benzene	10.195	91	89837	19.721	ug/l	95
68) m/p-Xylenes	10.305	106	71616	38.489	ug/l	94
69) o-Xylene	10.640	106	35778	19.646	ug/l	91
70) Styrene	10.659	104	58159	19.331	ug/l	98
71) Bromoform	10.799	173	15401	17.548	ug/l #	97
73) Isopropylbenzene	10.963	105	92383	19.879	ug/l	99
74) N-amyl acetate	10.841	43	36659	18.238	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	30044	19.987	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	24207m	18.129	ug/l	
77) Bromobenzene	11.201	156	23585	19.734	ug/l	94
78) n-propylbenzene	11.305	91	102733	19.694	ug/l	97
79) 2-Chlorotoluene	11.366	91	62048	19.538	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	77731	19.899	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8771	16.548	ug/l	94
82) 4-Chlorotoluene	11.457	91	70893	19.556	ug/l	98
83) tert-Butylbenzene	11.719	119	77943	19.634	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	77024	19.950	ug/l	97
85) sec-Butylbenzene	11.890	105	96426	19.980	ug/l	97
86) p-Isopropyltoluene	12.012	119	81732	19.710	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	44608	20.051	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	44095	19.561	ug/l	99
89) n-Butylbenzene	12.335	91	65778	18.820	ug/l	97
90) Hexachloroethane	12.542	117	12483	16.336	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	43523	20.074	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6168	19.644	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	25247	19.784	ug/l	97
94) Hexachlorobutadiene	13.725	225	11649	19.011	ug/l	96
95) Naphthalene	13.780	128	84042	18.868	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25928	20.769	ug/l	98

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

