

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025448.D
 Acq On : 02 Dec 2021 23:45
 Operator : JC/MD
 Sample : VX1202WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBSD02

Quant Time: Dec 03 03:15:15 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51266	57.366	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.740%			
35) Dibromofluoromethane	5.391	113	45273	53.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.480%			
50) Toluene-d8	8.653	98	164080	51.798	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.600%			
62) 4-Bromofluorobenzene	11.079	95	61060	50.953	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15879	21.606	ug/l	97
3) Chloromethane	1.294	50	16589	18.230	ug/l	97
4) Vinyl Chloride	1.374	62	18318	18.335	ug/l	99
5) Bromomethane	1.599	94	10259	23.884	ug/l	99
6) Chloroethane	1.685	64	12539	18.189	ug/l	100
7) Trichlorofluoromethane	1.886	101	29291	19.752	ug/l	98
8) Diethyl Ether	2.136	74	11640	19.020	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	16200	20.532	ug/l	99
10) Methyl Iodide	2.453	142	17077	17.310	ug/l	93
11) Tert butyl alcohol	2.965	59	24673	106.479	ug/l	96
12) 1,1-Dichloroethene	2.319	96	16073	20.454	ug/l	87
13) Acrolein	2.239	56	4133	100.950	ug/l	95
14) Allyl chloride	2.666	41	26261	18.466	ug/l	97
15) Acrylonitrile	3.068	53	49406	103.022	ug/l	98
16) Acetone	2.380	43	41674	83.922	ug/l	99
17) Carbon Disulfide	2.514	76	36194	16.373	ug/l	99
18) Methyl Acetate	2.703	43	31966	20.148	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	56743	20.724	ug/l	98
20) Methylene Chloride	2.788	84	18350	19.658	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	17029	19.782	ug/l	87
22) Diisopropyl ether	3.763	45	55181	20.374	ug/l	98
23) Vinyl Acetate	3.727	43	215769	99.181	ug/l	96
24) 1,1-Dichloroethane	3.611	63	30412	20.550	ug/l	96
25) 2-Butanone	4.562	43	69874	97.325	ug/l	99
26) 2,2-Dichloropropane	4.483	77	21072	15.706	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	20877	20.767	ug/l	90
28) Bromochloromethane	4.903	49	14106	20.442	ug/l	91
29) Tetrahydrofuran	5.007	42	43914	98.787	ug/l	97
30) Chloroform	5.099	83	32484	21.093	ug/l	92
31) Cyclohexane	5.470	56	26010	18.834	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	28998	20.566	ug/l	97
36) 1,1-Dichloropropene	5.696	75	22876	19.095	ug/l	97
37) Ethyl Acetate	4.721	43	27012	19.818	ug/l	99
38) Carbon Tetrachloride	5.684	117	25009	18.953	ug/l	92
39) Methylcyclohexane	7.385	83	27514	17.905	ug/l	93
40) Benzene	6.043	78	70020	19.294	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	13909	18.385	ug/l	96
42) 1,2-Dichloroethane	6.092	62	25074	21.234	ug/l	94
43) Isopropyl Acetate	6.348	43	43344	19.108	ug/l	98
44) Trichloroethene	7.129	130	20480	19.426	ug/l	93
45) 1,2-Dichloropropane	7.434	63	17889	20.070	ug/l	93
46) Dibromomethane	7.586	93	12920	19.967	ug/l	92
47) Bromodichloromethane	7.824	83	24275	19.091	ug/l	97
48) Methyl methacrylate	7.696	41	19901	18.694	ug/l	94
49) 1,4-Dioxane	7.659	88	9192	408.870	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	138774	97.564	ug/l	98
52) Toluene	8.720	92	46000	19.415	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24498	17.325	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	27090	17.674	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	19058	20.238	ug/l	97
56) Ethyl methacrylate	9.116	69	28963	18.953	ug/l	97
57) 1,3-Dichloropropane	9.311	76	31233	20.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	64599	90.860	ug/l	96
59) 2-Hexanone	9.433	43	104832	93.486	ug/l	97
60) Dibromochloromethane	9.525	129	20015	18.467	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19973	19.583	ug/l	98
64) Tetrachloroethene	9.275	164	21244	20.499	ug/l	94
65) Chlorobenzene	10.079	112	50674	19.786	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	18644	18.983	ug/l	99
67) Ethyl Benzene	10.195	91	87548	19.781	ug/l	98
68) m/p-Xylenes	10.305	106	69788	38.604	ug/l	93
69) o-Xylene	10.646	106	33994	19.213	ug/l	95
70) Styrene	10.659	104	56537	19.342	ug/l	97
71) Bromoform	10.799	173	14174	16.622	ug/l #	100
73) Isopropylbenzene	10.963	105	88775	20.031	ug/l	98
74) N-amyl acetate	10.841	43	35553	18.547	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	28647	19.984	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	22148m	17.393	ug/l	
77) Bromobenzene	11.201	156	23141	20.304	ug/l	93
78) n-propylbenzene	11.305	91	98540	19.809	ug/l	97
79) 2-Chlorotoluene	11.366	91	60292	19.908	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	73825	19.818	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6549	12.956	ug/l	97
82) 4-Chlorotoluene	11.457	91	68316	19.761	ug/l	96
83) tert-Butylbenzene	11.713	119	73928	19.528	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	73861	20.061	ug/l	95
85) sec-Butylbenzene	11.890	105	91180	19.811	ug/l	97
86) p-Isopropyltoluene	12.012	119	76269	19.287	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	41652	19.632	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	41113	19.124	ug/l	99
89) n-Butylbenzene	12.335	91	62143	18.644	ug/l	98
90) Hexachloroethane	12.542	117	10662	14.631	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	41613	20.126	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5590	18.669	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	24598	20.212	ug/l	97
94) Hexachlorobutadiene	13.725	225	10703	18.316	ug/l	98
95) Naphthalene	13.780	128	81788	19.262	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24895	20.911	ug/l	99

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

