

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022331.D
 Acq On : 02 Jun 2021 12:13
 Operator : JC/MD
 Sample : VX0602WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Manual Integrations
 APPROVED

SAM
 6/3/2021 5:44:56 PM

Quant Time: Jun 03 02:18:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	83866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	168719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	153345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70800	54.727	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.460%	
35) Dibromofluoromethane	5.397	113	54701	51.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.260%	
50) Toluene-d8	8.653	98	209088	50.731	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.460%	
62) 4-Bromofluorobenzene	11.085	95	78441	51.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	21740	21.323	ug/l	99
3) Chloromethane	1.295	50	25768	23.430	ug/l	100
4) Vinyl Chloride	1.374	62	26064	22.397	ug/l	99
5) Bromomethane	1.599	94	17651	26.016	ug/l	96
6) Chloroethane	1.685	64	16045	23.155	ug/l	95
7) Trichlorofluoromethane	1.886	101	37728	22.548	ug/l	98
8) Diethyl Ether	2.136	74	15075	20.949	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	22006	22.148	ug/l	91
10) Methyl Iodide	2.453	142	24906	23.325	ug/l	96
11) Tert butyl alcohol	2.977	59	33922	114.643	ug/l	97
12) 1,1-Dichloroethene	2.319	96	22076	22.967	ug/l	98
13) Acrolein	2.239	56	21461	109.357	ug/l	98
14) Allyl chloride	2.666	41	40924	23.181	ug/l	96
15) Acrylonitrile	3.075	53	69600	119.479	ug/l	99
16) Acetone	2.386	43	64642	114.754	ug/l	96
17) Carbon Disulfide	2.514	76	53630	21.303	ug/l	97
18) Methyl Acetate	2.715	43	34498	23.028	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	73930	22.453	ug/l	97
20) Methylene Chloride	2.794	84	27409	21.914	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	25199	24.102	ug/l	93
22) Diisopropyl ether	3.776	45	79933	23.508	ug/l	90
23) Vinyl Acetate	3.733	43	386077	117.927	ug/l	96
24) 1,1-Dichloroethane	3.617	63	46143	23.125	ug/l	97
25) 2-Butanone	4.568	43	108906	119.503	ug/l	94
26) 2,2-Dichloropropane	4.483	77	38733	21.867	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	29857	23.482	ug/l	98
28) Bromochloromethane	4.910	49	21129	21.827	ug/l	85
29) Tetrahydrofuran	5.019	42	63531	117.127	ug/l	92
30) Chloroform	5.105	83	46032	22.327	ug/l	94
31) Cyclohexane	5.477	56	38047	23.404	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	39815	22.600	ug/l	97
36) 1,1-Dichloropropene	5.702	75	35395	22.687	ug/l	97
37) Ethyl Acetate	4.727	43	42709	22.332	ug/l	94
38) Carbon Tetrachloride	5.684	117	31698	20.770	ug/l	100
39) Methylcyclohexane	7.385	83	39782	22.483	ug/l	95
40) Benzene	6.050	78	108522	22.607	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	22374	21.868	ug/l	94
42) 1,2-Dichloroethane	6.092	62	37961	22.573	ug/l	98
43) Isopropyl Acetate	6.348	43	70625	22.577	ug/l	93
44) Trichloroethene	7.135	130	25632	21.488	ug/l	98
45) 1,2-Dichloropropane	7.434	63	26807	21.892	ug/l	99
46) Dibromomethane	7.586	93	18361	22.102	ug/l #	86
47) Bromodichloromethane	7.830	83	34621	20.826	ug/l	94
48) Methyl methacrylate	7.696	41	32376	22.458	ug/l	90
49) 1,4-Dioxane	7.665	88	13234	471.487	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	219295	117.030	ug/l	91
52) Toluene	8.720	92	66967	22.029	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	39609	20.641	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	44221	21.435	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	26441	21.425	ug/l	97
56) Ethyl methacrylate	9.122	69	44081	22.101	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	46969	22.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	106576	98.798	ug/l	96
59) 2-Hexanone	9.433	43	166519	118.156	ug/l	89
60) Dibromochloromethane	9.525	129	22323	18.593	ug/l	96
61) 1,2-Dibromoethane	9.616	107	27728	22.566	ug/l	99
64) Tetrachloroethene	9.275	164	21900	21.753	ug/l	93
65) Chlorobenzene	10.086	112	69049	21.631	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	22229	20.040	ug/l	95
67) Ethyl Benzene	10.195	91	127636	21.735	ug/l	99
68) m/p-Xylenes	10.305	106	94237	42.462	ug/l	98
69) o-Xylene	10.647	106	46534	21.559	ug/l	99
70) Styrene	10.659	104	77882	22.025	ug/l	98
71) Bromoform	10.805	173	12934	16.197	ug/l #	96
73) Isopropylbenzene	10.964	105	122564	21.769	ug/l	99
74) N-amyl acetate	10.848	43	60357	22.586	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	41915	22.461	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	37632m	22.931	ug/l	
77) Bromobenzene	11.201	156	25604	21.448	ug/l	86
78) n-propylbenzene	11.305	91	143564	21.770	ug/l	98
79) 2-Chlorotoluene	11.366	91	85110	21.279	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	102321	21.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	12837	18.534	ug/l	92
82) 4-Chlorotoluene	11.457	91	99317	21.553	ug/l	97
83) tert-Butylbenzene	11.719	119	93185	20.822	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	103161	21.964	ug/l	99
85) sec-Butylbenzene	11.896	105	121896	21.434	ug/l	97
86) p-Isopropyltoluene	12.012	119	101687	21.170	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	48512	21.077	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	50057	21.040	ug/l	94
89) n-Butylbenzene	12.335	91	94590	21.289	ug/l	98
90) Hexachloroethane	12.543	117	14136	17.807	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	48353	21.871	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8489	21.258	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	27604	20.692	ug/l	97
94) Hexachlorobutadiene	13.731	225	9651	18.535	ug/l	99
95) Naphthalene	13.780	128	117039	22.496	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	27407	20.381	ug/l	94

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

