

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020123.D
 Acq On : 18 Dec 2020 13:32
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121820

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 3:58:15 PM

Quant Time: Dec 18 14:41:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	270469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	433134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	406974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	202621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	170420	47.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.02%		
35) Dibromofluoromethane	5.458	113	137679	49.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.38%		
50) Toluene-d8	8.696	98	537463	50.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.78%		
62) 4-Bromofluorobenzene	11.122	95	204793	50.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.34%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	160210	54.54	ug/l	99
3) Chloromethane	1.313	50	171996	50.50	ug/l	99
4) Vinyl Chloride	1.392	62	188242	50.73	ug/l	99
5) Bromomethane	1.624	94	60636	51.01	ug/l	99
6) Chloroethane	1.703	64	116518	50.43	ug/l	98
7) Trichlorofluoromethane	1.910	101	248987	52.18	ug/l	98
8) Diethyl Ether	2.166	74	101891	49.07	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	145536	53.90	ug/l	98
10) Methyl Iodide	2.489	142	159770	44.31	ug/l	98
11) Tert butyl alcohol	3.014	59	182571	224.88	ug/l	100
12) 1,1-Dichloroethene	2.355	96	141078	51.06	ug/l	94
13) Acrolein	2.270	56	128104	252.52	ug/l	99
14) Allyl chloride	2.703	41	244191	49.80	ug/l	98
15) Acrylonitrile	3.111	53	450785	241.34	ug/l	99
16) Acetone	2.416	43	398269	240.90	ug/l	99
17) Carbon Disulfide	2.550	76	415522	50.91	ug/l	99
18) Methyl Acetate	2.745	43	176043	47.74	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	517297	50.02	ug/l	99
20) Methylene Chloride	2.831	84	175836	47.18	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	166308	49.61	ug/l	97
22) Diisopropyl ether	3.818	45	504118	50.37	ug/l	95
23) Vinyl Acetate	3.782	43	2171653	254.59	ug/l	99
24) 1,1-Dichloroethane	3.666	63	293291	49.76	ug/l	99
25) 2-Butanone	4.629	43	598037	248.54	ug/l	100
26) 2,2-Dichloropropane	4.550	77	250065	51.41	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	188624	49.85	ug/l	100
28) Bromochloromethane	4.977	49	127271	48.48	ug/l	96
29) Tetrahydrofuran	5.086	42	370717	244.90	ug/l	99
30) Chloroform	5.172	83	296548	49.41	ug/l	100
31) Cyclohexane	5.544	56	272171	54.44	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	257840	51.52	ug/l	100
36) 1,1-Dichloropropene	5.763	75	226965	53.02	ug/l	99
37) Ethyl Acetate	4.788	43	225817	50.76	ug/l	99
38) Carbon Tetrachloride	5.751	117	220931	54.26	ug/l	99
39) Methylcyclohexane	7.440	83	281442	56.96	ug/l	99
40) Benzene	6.111	78	690890	51.85	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	121927	51.44	ug/l	99
42) 1,2-Dichloroethane	6.159	62	233820	51.15	ug/l	99
43) Isopropyl Acetate	6.409	43	364308	51.87	ug/l	99
44) Trichloroethene	7.184	130	177929	51.66	ug/l	98
45) 1,2-Dichloropropane	7.488	63	173918	51.64	ug/l	99
46) Dibromomethane	7.635	93	113526	49.28	ug/l	100
47) Bromodichloromethane	7.872	83	230726	52.54	ug/l	99
48) Methyl methacrylate	7.744	41	181747	52.81	ug/l	98
49) 1,4-Dioxane	7.708	88	81378	1010.14	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1129297	259.73	ug/l	99
52) Toluene	8.763	92	429799	52.85	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	261186	54.07	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	283490	53.45	ug/l	99
55) 1,1,2-Trichloroethane	9.195	97	170836	50.94	ug/l	98
56) Ethyl methacrylate	9.159	69	270206	55.05	ug/l	99
57) 1,3-Dichloropropane	9.348	76	293502	51.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	703410	270.92	ug/l	99
59) 2-Hexanone	9.470	43	876028	264.40	ug/l	99
60) Dibromochloromethane	9.561	129	177440	53.32	ug/l	98
61) 1,2-Dibromoethane	9.653	107	181267	51.76	ug/l	99
64) Tetrachloroethene	9.317	164	156103	50.91	ug/l	97
65) Chlorobenzene	10.122	112	452230	51.79	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	165999	52.98	ug/l	99
67) Ethyl Benzene	10.232	91	817810	53.58	ug/l	99
68) m/p-Xylenes	10.342	106	623939	109.50	ug/l	99
69) o-Xylene	10.683	106	294172	53.64	ug/l	99
70) Styrene	10.695	104	506946	54.68	ug/l	100
71) Bromoform	10.841	173	129548	53.39	ug/l #	100
73) Isopropylbenzene	11.000	105	795134	54.37	ug/l	100
74) N-amyl acetate	10.878	43	317239	53.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	268830	50.62	ug/l	100
76) 1,2,3-Trichloropropane	11.280	75	252277m	50.55	ug/l	
77) Bromobenzene	11.238	156	197143	51.00	ug/l	98
78) n-propylbenzene	11.341	91	927940	55.06	ug/l	99
79) 2-Chlorotoluene	11.402	91	550986	52.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	678777	54.76	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	89540	53.22	ug/l	98
82) 4-Chlorotoluene	11.494	91	644987	52.55	ug/l	100
83) tert-Butylbenzene	11.756	119	647648	54.44	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	693431	55.11	ug/l	99
85) sec-Butylbenzene	11.927	105	767795	55.93	ug/l	99
86) p-Isopropyltoluene	12.049	119	719893	56.87	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	360937	52.23	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	360552	50.01	ug/l	99
89) n-Butylbenzene	12.372	91	639029	57.62	ug/l	100
90) Hexachloroethane	12.579	117	121417	55.60	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	347869	50.59	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	58406	52.41	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	235437	53.24	ug/l	99
94) Hexachlorobutadiene	13.762	225	104603	56.01	ug/l	98
95) Naphthalene	13.817	128	775486	55.38	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	232808	53.22	ug/l	100

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

