

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020629.D
 Acq On : 15 Jan 2021 13:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:22:04 PM

Quant Time: Jan 16 00:53:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	185802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	308469	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	285550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	155309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	125715	56.33	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.66%
35) Dibromofluoromethane	5.458	113	102717	48.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.12%
50) Toluene-d8	8.695	98	369733	48.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.68%
62) 4-Bromofluorobenzene	11.122	95	138501	51.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.56%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	98998	54.01	ug/l	99
3) Chloromethane	1.313	50	90181	53.17	ug/l	100
4) Vinyl Chloride	1.392	62	105778	54.38	ug/l	99
5) Bromomethane	1.630	94	76394	58.17	ug/l	98
6) Chloroethane	1.709	64	69653	61.50	ug/l	98
7) Trichlorofluoromethane	1.916	101	175573	54.51	ug/l	100
8) Diethyl Ether	2.166	74	63782	55.58	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.361	101	97585	54.00	ug/l	99
10) Methyl Iodide	2.489	142	133934	53.14	ug/l	93
11) Tert butyl alcohol	3.020	59	114905	280.53	ug/l	99
12) 1,1-Dichloroethene	2.355	96	91976	51.85	ug/l	98
13) Acrolein	2.270	56	69479	224.61	ug/l	100
14) Allyl chloride	2.703	41	134917	54.74	ug/l	94
15) Acrylonitrile	3.111	53	282209	297.81	ug/l	99
16) Acetone	2.416	43	226011	297.10	ug/l	98
17) Carbon Disulfide	2.550	76	245898	50.28	ug/l	99
18) Methyl Acetate	2.745	43	118816	60.10	ug/l	98
19) Methyl tert-butyl Ether	3.160	73	338942	58.91	ug/l	96
20) Methylene Chloride	2.831	84	111855	53.05	ug/l	98
21) trans-1,2-Dichloroethene	3.136	96	106247	53.32	ug/l	96
22) Diisopropyl ether	3.818	45	296416	59.56	ug/l	99
23) Vinyl Acetate	3.776	43	1317299	310.14	ug/l	99
24) 1,1-Dichloroethane	3.666	63	183950	55.66	ug/l	99
25) 2-Butanone	4.629	43	357943	296.77	ug/l	95
26) 2,2-Dichloropropane	4.544	77	153418	49.91	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	120679	54.28	ug/l	96
28) Bromochloromethane	4.977	49	76266	56.67	ug/l	92
29) Tetrahydrofuran	5.080	42	229026	311.73	ug/l	96
30) Chloroform	5.172	83	202632	54.82	ug/l	98
31) Cyclohexane	5.544	56	148546	56.65	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	178868	53.81	ug/l	99
36) 1,1-Dichloropropene	5.763	75	145641	51.67	ug/l	98
37) Ethyl Acetate	4.788	43	137762	53.81	ug/l	100
38) Carbon Tetrachloride	5.751	117	160947	48.94	ug/l	99
39) Methylcyclohexane	7.434	83	169104	52.53	ug/l	97
40) Benzene	6.104	78	431937	50.99	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	76998	57.46	ug/l	97
42) 1,2-Dichloroethane	6.153	62	162629	53.85	ug/l	99
43) Isopropyl Acetate	6.403	43	224785	56.63	ug/l	100
44) Trichloroethene	7.177	130	119550	47.49	ug/l	99
45) 1,2-Dichloropropane	7.482	63	108847	52.38	ug/l	94
46) Dibromomethane	7.635	93	82186	52.09	ug/l	96
47) Bromodichloromethane	7.872	83	166902	51.82	ug/l	98
48) Methyl methacrylate	7.738	41	112977	58.56	ug/l	96
49) 1,4-Dioxane	7.720	88	54844	1127.62	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	722917	293.67	ug/l	100
52) Toluene	8.763	92	271650	50.43	ug/l	98
53) t-1,3-Dichloropropene	9.019	75	174652	53.25	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	185325	52.76	ug/l	99
55) 1,1,2-Trichloroethane	9.195	97	116012	50.97	ug/l	97
56) Ethyl methacrylate	9.153	69	166309	56.36	ug/l	97
57) 1,3-Dichloropropane	9.348	76	193801	52.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	416496	269.27	ug/l	98
59) 2-Hexanone	9.470	43	542303	293.86	ug/l	98
60) Dibromochloromethane	9.561	129	132357	51.49	ug/l	100
61) 1,2-Dibromoethane	9.653	107	126142	51.95	ug/l	100
64) Tetrachloroethene	9.311	164	118289	45.86	ug/l	95
65) Chlorobenzene	10.116	112	298624	49.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	115453	50.33	ug/l	99
67) Ethyl Benzene	10.232	91	528812	53.45	ug/l	100
68) m/p-Xylenes	10.342	106	399455	104.76	ug/l	98
69) o-Xylene	10.683	106	189894	54.06	ug/l	100
70) Styrene	10.695	104	328187	54.73	ug/l	99
71) Bromoform	10.835	173	93306	50.12	ug/l #	99
73) Isopropylbenzene	11.000	105	511580	48.85	ug/l	99
74) N-amyl acetate	10.878	43	181861	49.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	171035	50.15	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	170333m	52.06	ug/l	
77) Bromobenzene	11.238	156	124594	44.41	ug/l	98
78) n-propylbenzene	11.341	91	591476	51.10	ug/l	100
79) 2-Chlorotoluene	11.402	91	350065	49.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	444220	50.63	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	56255	46.85	ug/l	98
82) 4-Chlorotoluene	11.494	91	418100	49.34	ug/l	100
83) tert-Butylbenzene	11.756	119	416373	49.41	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	449112	51.20	ug/l	99
85) sec-Butylbenzene	11.927	105	495665	50.40	ug/l	100
86) p-Isopropyltoluene	12.049	119	489999	53.65	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	231524	45.16	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	249092	47.38	ug/l	99
89) n-Butylbenzene	12.372	91	443890	56.16	ug/l	99
90) Hexachloroethane	12.579	117	88538	51.40	ug/l	92
91) 1,2-Dichlorobenzene	12.372	146	249324	49.24	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	44025	54.98	ug/l	96
93) 1,2,4-Trichlorobenzene	13.628	180	169442	50.20	ug/l	99
94) Hexachlorobutadiene	13.762	225	70137	40.87	ug/l	98
95) Naphthalene	13.817	128	591887	51.39	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	171513	49.97	ug/l	99

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

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