

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120720\
 Data File : VX019753.D
 Acq On : 07 Dec 2020 16:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:12 PM

Quant Time: Dec 08 06:22:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	315901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	503782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	469178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	185525	44.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.36%
35) Dibromofluoromethane	5.46	113	153355	47.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.20%
50) Toluene-d8	8.69	98	592655	47.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.36%
62) 4-Bromofluorobenzene	11.12	95	230526	48.73	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.46%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	169708	58.678	ug/l	99
3) Chloromethane	1.31	50	169465	49.822	ug/l	99
4) Vinyl Chloride	1.39	62	203141	56.641	ug/l	99
5) Bromomethane	1.62	94	61425	51.580	ug/l	100
6) Chloroethane	1.70	64	129175	59.957	ug/l	98
7) Trichlorofluoromethane	1.91	101	287298	57.520	ug/l	98
8) Diethyl Ether	2.17	74	118842	56.148	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	164488	57.455	ug/l	100
10) Methyl Iodide	2.49	142	169900	40.262	ug/l	99
11) Tert butyl alcohol	3.01	59	234911	275.479	ug/l	100
12) 1,1-Dichloroethene	2.36	96	163072	56.342	ug/l	97
13) Acrolein	2.27	56	130386	284.507	ug/l	100
14) Allyl chloride	2.70	41	273454	55.941	ug/l	100
15) Acrylonitrile	3.11	53	516518	275.191	ug/l	99
16) Acetone	2.41	43	466693	299.051	ug/l	98
17) Carbon Disulfide	2.55	76	451659	54.385	ug/l	100
18) Methyl Acetate	2.74	43	214320	56.121	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	610103	57.881	ug/l	98
20) Methylene Chloride	2.83	84	204313	57.562	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	190200	56.366	ug/l	97
22) Diisopropyl ether	3.82	45	569715	57.644	ug/l	95
23) Vinyl Acetate	3.78	43	2436802	289.400	ug/l	99
24) 1,1-Dichloroethane	3.66	63	337122	56.564	ug/l	100
25) 2-Butanone	4.62	43	682513	284.618	ug/l	99
26) 2,2-Dichloropropane	4.54	77	297519	57.967	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	222921	56.451	ug/l	99
28) Bromochloromethane	4.97	49	133476	46.979	ug/l	97
29) Tetrahydrofuran	5.08	42	419934	271.802	ug/l	99
30) Chloroform	5.17	83	348456	56.861	ug/l	97
31) Cyclohexane	5.54	56	295048	57.129	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	303621	57.532	ug/l	100
36) 1,1-Dichloropropene	5.76	75	261109	57.357	ug/l	99
37) Ethyl Acetate	4.78	43	258661	56.275	ug/l	99
38) Carbon Tetrachloride	5.74	117	260650	58.469	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	320116	59.852	ug/l	99
40) Benzene	6.10	78	799257	57.475	ug/l	99
41) Methacrylonitrile	4.99	41	141631	56.123	ug/l	99
42) 1,2-Dichloroethane	6.15	62	272452	57.343	ug/l	99
43) Isopropyl Acetate	6.40	43	422518	56.542	ug/l	100
44) Trichloroethene	7.18	130	210370	57.657	ug/l	100
45) 1,2-Dichloropropane	7.48	63	200263	57.621	ug/l	96
46) Dibromomethane	7.63	93	134893	57.473	ug/l	98
47) Bromodichloromethane	7.87	83	276489	59.367	ug/l	99
48) Methyl methacrylate	7.74	41	211557	57.564	ug/l	99
49) 1,4-Dioxane	7.71	88	99819	1121.187	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1312363	287.651	ug/l	99
52) Toluene	8.76	92	507930	58.400	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	309171	59.822	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	333752	59.442	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	205134	58.527	ug/l	97
56) Ethyl methacrylate	9.15	69	317566	59.886	ug/l	100
57) 1,3-Dichloropropane	9.35	76	344723	57.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	886258	315.480	ug/l	99
59) 2-Hexanone	9.47	43	1034031	292.395	ug/l	100
60) Dibromochloromethane	9.56	129	214157	60.140	ug/l	98
61) 1,2-Dibromoethane	9.65	107	218315	58.658	ug/l	99
64) Tetrachloroethene	9.31	164	183858	58.434	ug/l	96
65) Chlorobenzene	10.12	112	535689	57.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	201235	59.814	ug/l	99
67) Ethyl Benzene	10.23	91	974186	58.714	ug/l	99
68) m/p-Xylenes	10.34	106	739785	118.326	ug/l	99
69) o-Xylene	10.68	106	357956	59.519	ug/l	98
70) Styrene	10.70	104	611384	60.228	ug/l	100
71) Bromoform	10.84	173	160288	60.562	ug/l #	98
73) Isopropylbenzene	11.00	105	953999	59.197	ug/l	100
74) N-amyl acetate	10.88	43	373604	57.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	321797	56.638	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	307379m	58.100	ug/l	
77) Bromobenzene	11.24	156	241650	58.594	ug/l	98
78) n-propylbenzene	11.34	91	1112144	60.422	ug/l	100
79) 2-Chlorotoluene	11.40	91	660861	58.303	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	819443	60.249	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	112051	61.227	ug/l	97
82) 4-Chlorotoluene	11.49	91	777120	58.539	ug/l	99
83) tert-Butylbenzene	11.76	119	808515	60.612	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	829194	60.523	ug/l	100
85) sec-Butylbenzene	11.93	105	931080	61.136	ug/l	99
86) p-Isopropyltoluene	12.05	119	867703	62.167	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	437422	57.789	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	441397	57.254	ug/l	100
89) n-Butylbenzene	12.37	91	763838	61.769	ug/l	100
90) Hexachloroethane	12.58	117	149219	61.924	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	424795	57.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68893	56.404	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	282101	58.731	ug/l	100
94) Hexachlorobutadiene	13.76	225	123667	57.604	ug/l	97
95) Naphthalene	13.82	128	916719	58.869	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	273362	58.234	ug/l	100

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

