

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019699.D
 Acq On : 01 Dec 2020 16:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:44:03 PM

Quant Time: Dec 02 03:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199056	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170767	49.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.90%
35) Dibromofluoromethane	5.46	113	138451	49.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.12%
50) Toluene-d8	8.70	98	519087	47.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.66%
62) 4-Bromofluorobenzene	11.12	95	193197	48.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.94%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	123151	47.550	ug/l	100
3) Chloromethane	1.31	50	134988	45.420	ug/l	99
4) Vinyl Chloride	1.39	62	155894	48.728	ug/l	99
5) Bromomethane	1.62	94	50479	41.657	ug/l	99
6) Chloroethane	1.69	64	36533	46.585	ug/l	96
7) Trichlorofluoromethane	1.90	101	221898	48.055	ug/l	99
8) Diethyl Ether	2.17	74	93946	50.801	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133134	51.680	ug/l	99
10) Methyl Iodide	2.48	142	178529	52.752	ug/l	98
11) Tert butyl alcohol	3.05	59	189326	289.703	ug/l	100
12) 1,1-Dichloroethene	2.34	96	134357	50.814	ug/l	99
13) Acrolein	2.28	56	117055	266.464	ug/l	100
14) Allyl chloride	2.70	41	214947	51.892	ug/l	99
15) Acrylonitrile	3.12	53	422107	273.878	ug/l	100
16) Acetone	2.43	43	347990	260.587	ug/l	100
17) Carbon Disulfide	2.54	76	318569	44.848	ug/l	99
18) Methyl Acetate	2.75	43	185053	56.435	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	497662	54.527	ug/l	99
20) Methylene Chloride	2.83	84	163554	49.002	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	152036	50.751	ug/l	97
22) Diisopropyl ether	3.83	45	456181	53.237	ug/l	93
23) Vinyl Acetate	3.79	43	1965269	273.430	ug/l	100
24) 1,1-Dichloroethane	3.67	63	275830	52.627	ug/l	99
25) 2-Butanone	4.64	43	536193	267.290	ug/l	99
26) 2,2-Dichloropropane	4.54	77	231521	50.608	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	179233	52.085	ug/l	99
28) Bromochloromethane	4.98	49	117582	46.924	ug/l	99
29) Tetrahydrofuran	5.09	42	343299	268.214	ug/l	99
30) Chloroform	5.17	83	285388	52.074	ug/l	98
31) Cyclohexane	5.54	56	223220	49.701	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	244249	51.883	ug/l	99
36) 1,1-Dichloropropene	5.76	75	205243	48.694	ug/l	99
37) Ethyl Acetate	4.80	43	209105	52.844	ug/l	99
38) Carbon Tetrachloride	5.75	117	206438	50.600	ug/l	100

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Quant Time: Dec 02 03:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	233188	47.515	ug/l	100
40) Benzene	6.11	78	637653	49.238	ug/l	99
41) Methacrylonitrile	5.01	41	114301	52.382	ug/l	99
42) 1,2-Dichloroethane	6.16	62	221493	49.899	ug/l	100
43) Isopropyl Acetate	6.42	43	342921	51.554	ug/l	99
44) Trichloroethene	7.18	130	164318	48.439	ug/l	95
45) 1,2-Dichloropropane	7.49	63	161745	50.733	ug/l	99
46) Dibromomethane	7.63	93	109432	50.151	ug/l	99
47) Bromodichloromethane	7.87	83	217584	51.387	ug/l	98
48) Methyl methacrylate	7.74	41	165483	53.122	ug/l	99
49) 1,4-Dioxane	7.72	88	79609	1125.517	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1039274	267.936	ug/l	100
52) Toluene	8.76	92	393735	49.698	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	235085	51.408	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	262691	51.764	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162639	50.407	ug/l	98
56) Ethyl methacrylate	9.16	69	245369	53.743	ug/l	99
57) 1,3-Dichloropropane	9.35	76	273910	50.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	650280	243.075	ug/l	100
59) 2-Hexanone	9.48	43	792453	269.379	ug/l	100
60) Dibromochloromethane	9.56	129	164324	51.995	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169763	51.043	ug/l	100
64) Tetrachloroethene	9.32	164	133020	43.164	ug/l	98
65) Chlorobenzene	10.12	112	407202	50.518	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	155762	53.126	ug/l	98
67) Ethyl Benzene	10.23	91	736800	52.178	ug/l	99
68) m/p-Xylenes	10.34	106	551189	104.770	ug/l	100
69) o-Xylene	10.68	106	266120	52.916	ug/l	100
70) Styrene	10.70	104	460992	49.536	ug/l	100
71) Bromoform	10.84	173	120011	48.441	ug/l	97
73) Isopropylbenzene	11.00	105	715138	51.933	ug/l	100
74) N-amyl acetate	10.88	43	293125	56.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	257399	52.270	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	227949m	52.474	ug/l	
77) Bromobenzene	11.24	156	176673	50.258	ug/l	99
78) n-propylbenzene	11.34	91	807963	51.146	ug/l	100
79) 2-Chlorotoluene	11.40	91	492985	51.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	599758	51.920	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	80238	49.897	ug/l	99
82) 4-Chlorotoluene	11.49	91	576467	51.114	ug/l	99
83) tert-Butylbenzene	11.76	119	597209	53.439	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	616193	52.720	ug/l	99
85) sec-Butylbenzene	11.93	105	672416	50.576	ug/l	100
86) p-Isopropyltoluene	12.05	119	622955	51.608	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322935	50.022	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	326011	49.025	ug/l	99
89) n-Butylbenzene	12.37	91	534124	48.945	ug/l	99
90) Hexachloroethane	12.58	117	104983	51.975	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	327696	50.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55208	54.954	ug/l	99

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QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	210857	50.652	ug/l	97
94) Hexachlorobutadiene	13.77	225	82714	43.617	ug/l	99
95) Naphthalene	13.82	128	748563	50.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	212953	51.142	ug/l	98

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

