

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019926.D
 Acq On : 12 Dec 2020 12:33
 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
 12/15/2020 4:49:28 PM

Quant Time: Dec 14 05:49:45 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	273468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	437184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167841	46.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.40%
35) Dibromofluoromethane	5.46	113	137500	48.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.32%
50) Toluene-d8	8.70	98	531988	49.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.64%
62) 4-Bromofluorobenzene	11.12	95	204342	49.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.54%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	128826	51.454	ug/l 98
3) Chloromethane	1.31	50	140205	47.616	ug/l 99
4) Vinyl Chloride	1.39	62	161814	52.119	ug/l 100
5) Bromomethane	1.62	94	48688	47.229	ug/l 100
6) Chloroethane	1.70	64	106104	56.891	ug/l 100
7) Trichlorofluoromethane	1.91	101	229460	53.069	ug/l 96
8) Diethyl Ether	2.17	74	95727	52.244	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	142610	57.543	ug/l 99
10) Methyl Iodide	2.49	142	172271	47.158	ug/l 100
11) Tert butyl alcohol	3.01	59	186881	252.946	ug/l 100
12) 1,1-Dichloroethene	2.35	96	135799	54.199	ug/l 97
13) Acrolein	2.27	56	92748	233.782	ug/l 99
14) Allyl chloride	2.70	41	228411	53.977	ug/l 97
15) Acrylonitrile	3.11	53	444952	273.846	ug/l 100
16) Acetone	2.42	43	431891	319.692	ug/l 99
17) Carbon Disulfide	2.54	76	334094	46.471	ug/l 100
18) Methyl Acetate	2.75	43	192432	58.208	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	507800	55.651	ug/l 99
20) Methylene Chloride	2.83	84	168718	54.842	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	153923	52.693	ug/l 97
22) Diisopropyl ether	3.82	45	490516	57.331	ug/l 98
23) Vinyl Acetate	3.78	43	2052288	281.553	ug/l 100
24) 1,1-Dichloroethane	3.67	63	284540	55.150	ug/l 99
25) 2-Butanone	4.63	43	602004	289.999	ug/l 99
26) 2,2-Dichloropropane	4.54	77	241103	54.264	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	183901	53.796	ug/l 99
28) Bromochloromethane	4.97	49	123802	50.336	ug/l 98
29) Tetrahydrofuran	5.08	42	363053	271.448	ug/l 98
30) Chloroform	5.17	83	291905	55.024	ug/l 100
31) Cyclohexane	5.54	56	240182	53.722	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	248971	54.496	ug/l 100
36) 1,1-Dichloropropene	5.76	75	212303	53.740	ug/l 100
37) Ethyl Acetate	4.79	43	218250	54.717	ug/l 99
38) Carbon Tetrachloride	5.74	117	209202	54.077	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	259066	55.816	ug/l	99
40) Benzene	6.11	78	657100	54.451	ug/l	99
41) Methacrylonitrile	4.99	41	120836	55.176	ug/l	99
42) 1,2-Dichloroethane	6.16	62	229274	55.607	ug/l	100
43) Isopropyl Acetate	6.41	43	353942	54.580	ug/l	100
44) Trichloroethene	7.18	130	168791	53.309	ug/l	99
45) 1,2-Dichloropropane	7.48	63	170937	56.675	ug/l	96
46) Dibromomethane	7.63	93	111039	54.517	ug/l	99
47) Bromodichloromethane	7.87	83	226711	56.094	ug/l	100
48) Methyl methacrylate	7.74	41	175837	55.133	ug/l	99
49) 1,4-Dioxane	7.71	88	83043	1074.846	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1121372	283.231	ug/l	100
52) Toluene	8.76	92	414936	54.976	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	250980	55.960	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	273808	56.195	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	173058	56.897	ug/l	98
56) Ethyl methacrylate	9.16	69	262911	57.132	ug/l	99
57) 1,3-Dichloropropane	9.35	76	287891	55.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	714196	292.959	ug/l	99
59) 2-Hexanone	9.47	43	881653	287.284	ug/l	99
60) Dibromochloromethane	9.56	129	176771	57.203	ug/l	100
61) 1,2-Dibromoethane	9.65	107	175632	54.379	ug/l	100
64) Tetrachloroethene	9.32	164	155444	57.328	ug/l	97
65) Chlorobenzene	10.12	112	436290	54.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	164554	56.756	ug/l	99
67) Ethyl Benzene	10.23	91	797335	55.763	ug/l	99
68) m/p-Xylenes	10.34	106	604336	112.166	ug/l	99
69) o-Xylene	10.68	106	287651	55.500	ug/l	99
70) Styrene	10.70	104	499972	57.152	ug/l	100
71) Bromoform	10.84	173	128328	56.264	ug/l #	98
73) Isopropylbenzene	11.00	105	783862	56.539	ug/l	100
74) N-amyl acetate	10.88	43	307459	55.339	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	270914	55.426	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	251941m	55.356	ug/l	
77) Bromobenzene	11.24	156	195471	55.094	ug/l	98
78) n-propylbenzene	11.34	91	910790	57.519	ug/l	99
79) 2-Chlorotoluene	11.40	91	543673	55.754	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	676165	57.788	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	87631	55.660	ug/l	98
82) 4-Chlorotoluene	11.49	91	643941	56.385	ug/l	99
83) tert-Butylbenzene	11.76	119	649915	56.635	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	677874	57.513	ug/l	100
85) sec-Butylbenzene	11.93	105	780787	59.594	ug/l	100
86) p-Isopropyltoluene	12.05	119	706496	58.837	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	357797	54.946	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	358691	54.082	ug/l	99
89) n-Butylbenzene	12.37	91	639597	60.122	ug/l	99
90) Hexachloroethane	12.58	117	118826	57.319	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	356309	56.131	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58868	56.023	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	240645	58.237	ug/l	100
94) Hexachlorobutadiene	13.77	225	110495	59.828	ug/l	97
95) Naphthalene	13.82	128	785941	58.668	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	235048	58.204	ug/l	99

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

