

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019811.D
 Acq On : 10 Dec 2020 09:20
 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
 12/11/2020 12:45:50 PM

Quant Time: Dec 11 01:00:24 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	295561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	469545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	435078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221460	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	174994	45.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.10%		
35) Dibromofluoromethane	5.46	113	144745	47.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.40%		
50) Toluene-d8	8.70	98	549850	47.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.92%		
62) 4-Bromofluorobenzene	11.12	95	210467	47.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.46%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	138370	51.135	ug/l	99
3) Chloromethane	1.31	50	140131	44.033	ug/l	100
4) Vinyl Chloride	1.39	62	169012	50.368	ug/l	100
5) Bromomethane	1.62	94	55335	49.664	ug/l	99
6) Chloroethane	1.70	64	107502	53.332	ug/l	98
7) Trichlorofluoromethane	1.91	101	240472	51.458	ug/l	97
8) Diethyl Ether	2.17	74	98919	49.951	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	138509	51.710	ug/l	100
10) Methyl Iodide	2.49	142	165100	41.817	ug/l	100
11) Tert butyl alcohol	3.01	59	181935	227.583	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135641	50.089	ug/l	99
13) Acrolein	2.27	56	77924	181.735	ug/l	99
14) Allyl chloride	2.70	41	227126	49.661	ug/l	99
15) Acrylonitrile	3.11	53	429363	244.499	ug/l	99
16) Acetone	2.42	43	419438	287.267	ug/l	100
17) Carbon Disulfide	2.55	76	358002	46.074	ug/l	99
18) Methyl Acetate	2.75	43	180669	50.565	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	507095	51.419	ug/l	100
20) Methylene Chloride	2.83	84	167564	50.277	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	159710	50.587	ug/l	98
22) Diisopropyl ether	3.82	45	481700	52.092	ug/l	96
23) Vinyl Acetate	3.78	43	2022924	256.780	ug/l	100
24) 1,1-Dichloroethane	3.67	63	282714	50.700	ug/l	100
25) 2-Butanone	4.62	43	586871	261.576	ug/l	99
26) 2,2-Dichloropropane	4.54	77	246513	51.335	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	183776	49.741	ug/l	100
28) Bromochloromethane	4.97	49	123075	46.300	ug/l	100
29) Tetrahydrofuran	5.08	42	346572	239.756	ug/l	100
30) Chloroform	5.17	83	293789	51.239	ug/l	99
31) Cyclohexane	5.54	56	247808	51.284	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	253589	51.358	ug/l	100
36) 1,1-Dichloropropene	5.76	75	217559	51.275	ug/l	100
37) Ethyl Acetate	4.78	43	211329	49.330	ug/l	99
38) Carbon Tetrachloride	5.74	117	218777	52.655	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	265246	53.209	ug/l	99
40) Benzene	6.10	78	664758	51.289	ug/l	99
41) Methacrylonitrile	5.00	41	118873	50.539	ug/l	99
42) 1,2-Dichloroethane	6.15	62	227312	51.331	ug/l	100
43) Isopropyl Acetate	6.40	43	344292	49.433	ug/l	100
44) Trichloroethene	7.18	130	173981	51.161	ug/l	98
45) 1,2-Dichloropropane	7.48	63	168143	51.907	ug/l	96
46) Dibromomethane	7.63	93	113990	52.109	ug/l	98
47) Bromodichloromethane	7.87	83	227842	52.489	ug/l	100
48) Methyl methacrylate	7.74	41	171530	50.076	ug/l	100
49) 1,4-Dioxane	7.71	88	82758	997.333	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1079289	253.814	ug/l	100
52) Toluene	8.76	92	420363	51.856	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	252191	52.355	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	277505	53.028	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	171577	52.522	ug/l	97
56) Ethyl methacrylate	9.15	69	256900	51.978	ug/l	100
57) 1,3-Dichloropropane	9.35	76	284360	50.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	690922	263.880	ug/l	99
59) 2-Hexanone	9.47	43	869767	263.879	ug/l	100
60) Dibromochloromethane	9.56	129	176716	53.244	ug/l	99
61) 1,2-Dibromoethane	9.65	107	177667	51.217	ug/l	100
64) Tetrachloroethene	9.31	164	158120	54.193	ug/l	94
65) Chlorobenzene	10.12	112	438909	50.636	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	165327	52.992	ug/l	99
67) Ethyl Benzene	10.23	91	803347	52.213	ug/l	100
68) m/p-Xylenes	10.34	106	614422	105.977	ug/l	99
69) o-Xylene	10.68	106	292446	52.437	ug/l	99
70) Styrene	10.70	104	505269	53.675	ug/l	99
71) Bromoform	10.84	173	132802	54.110	ug/l #	99
73) Isopropylbenzene	11.00	105	790608	52.254	ug/l	100
74) N-amyl acetate	10.88	43	300913	49.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	265413	49.756	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	253558m	51.049	ug/l	
77) Bromobenzene	11.24	156	194815	50.314	ug/l	98
78) n-propylbenzene	11.34	91	918932	53.176	ug/l	100
79) 2-Chlorotoluene	11.40	91	549180	51.606	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	670531	52.511	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	88616	51.575	ug/l	99
82) 4-Chlorotoluene	11.49	91	649634	52.123	ug/l	99
83) tert-Butylbenzene	11.75	119	658777	52.603	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	683063	53.104	ug/l	99
85) sec-Butylbenzene	11.93	105	779288	54.502	ug/l	100
86) p-Isopropyltoluene	12.05	119	717142	54.726	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	361312	50.843	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	370753	51.223	ug/l	100
89) n-Butylbenzene	12.37	91	631300	54.376	ug/l	100
90) Hexachloroethane	12.58	117	120185	53.124	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	354321	51.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56175	48.987	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	240005	53.222	ug/l	100
94) Hexachlorobutadiene	13.76	225	106334	52.757	ug/l	99
95) Naphthalene	13.82	128	760460	52.016	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	231518	52.533	ug/l	99

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

