

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017997.D
 Acq On : 19 Aug 2020 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:10:53 AM

Quant Time: Aug 20 05:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	451426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	688668	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	635132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326868	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	296061	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.48%		
35) Dibromofluoromethane	5.46	113	233254	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.96%		
50) Toluene-d8	8.70	98	740427	40.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	81.70%		
62) 4-Bromofluorobenzene	11.12	95	302079	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.24%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	294675	43.332	ug/l	96
3) Chloromethane	1.31	50	285589	46.260	ug/l	98
4) Vinyl Chloride	1.39	62	290411	45.641	ug/l	99
5) Bromomethane	1.62	94	174263	50.441	ug/l	98
6) Chloroethane	1.71	64	166170	49.082	ug/l	99
7) Trichlorofluoromethane	1.92	101	447862	47.377	ug/l	100
8) Diethyl Ether	2.17	74	131239	47.635	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	198927	44.742	ug/l	99
10) Methyl Iodide	2.49	142	236156	41.190	ug/l	99
11) Tert butyl alcohol	3.02	59	312471	244.561	ug/l	97
12) 1,1-Dichloroethene	2.36	96	188076	46.222	ug/l	99
13) Acrolein	2.28	56	185621	275.022	ug/l	99
14) Allyl chloride	2.71	41	361112	49.760	ug/l	99
15) Acrylonitrile	3.12	53	692564	248.204	ug/l	100
16) Acetone	2.42	43	624382	239.831	ug/l	100
17) Carbon Disulfide	2.55	76	486047	49.233	ug/l	97
18) Methyl Acetate	2.75	43	341799	52.175	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	830262	53.370	ug/l	100
20) Methylene Chloride	2.84	84	237032	49.417	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	210666	50.362	ug/l	98
22) Diisopropyl ether	3.83	45	815565	53.610	ug/l	97
23) Vinyl Acetate	3.79	43	3002631	258.279	ug/l	100
24) 1,1-Dichloroethane	3.67	63	424549	50.342	ug/l	97
25) 2-Butanone	4.64	43	970278	246.177	ug/l	98
26) 2,2-Dichloropropane	4.56	77	345862	45.037	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	255676	51.814	ug/l	97
28) Bromochloromethane	4.98	49	207225	47.549	ug/l	99
29) Tetrahydrofuran	5.09	42	624813	255.250	ug/l	99
30) Chloroform	5.18	83	464772	50.422	ug/l	98
31) Cyclohexane	5.54	56	352875	51.601	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	412591	49.341	ug/l	100
36) 1,1-Dichloropropene	5.77	75	289605	50.242	ug/l	98
37) Ethyl Acetate	4.80	43	332530	48.216	ug/l	99
38) Carbon Tetrachloride	5.76	117	366036	49.066	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	356527	48.321	ug/l	93
40) Benzene	6.12	78	886922	51.086	ug/l	97
41) Methacrylonitrile	5.00	41	204664	51.775	ug/l	98
42) 1,2-Dichloroethane	6.17	62	375441	50.910	ug/l	100
43) Isopropyl Acetate	6.42	43	565072	50.755	ug/l	99
44) Trichloroethene	7.19	130	248469	48.260	ug/l	99
45) 1,2-Dichloropropane	7.49	63	254475	51.158	ug/l	99
46) Dibromomethane	7.64	93	177350	51.085	ug/l	97
47) Bromodichloromethane	7.88	83	378214	50.183	ug/l	99
48) Methyl methacrylate	7.75	41	287493	52.089	ug/l	98
49) 1,4-Dioxane	7.71	88	112667	997.108	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1730449	230.850	ug/l	100
52) Toluene	8.77	92	524128	46.144	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	369004	46.292	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	396506	47.707	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	243275	46.621	ug/l	95
56) Ethyl methacrylate	9.16	69	345032	46.766	ug/l	97
57) 1,3-Dichloropropane	9.35	76	407529	49.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	830267	232.389	ug/l	100
59) 2-Hexanone	9.48	43	1274577	224.397	ug/l	98
60) Dibromochloromethane	9.57	129	307780	47.227	ug/l	99
61) 1,2-Dibromoethane	9.65	107	248722	43.032	ug/l	98
64) Tetrachloroethene	9.32	164	234697	48.387	ug/l	96
65) Chlorobenzene	10.12	112	631388	50.081	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	270980	50.812	ug/l	99
67) Ethyl Benzene	10.24	91	1062045	51.100	ug/l	99
68) m/p-Xylenes	10.34	106	804555	100.553	ug/l	95
69) o-Xylene	10.68	106	382416	49.563	ug/l	100
70) Styrene	10.70	104	694734	52.191	ug/l	99
71) Bromoform	10.84	173	245734	51.337	ug/l #	99
73) Isopropylbenzene	11.00	105	1088384	51.732	ug/l	99
74) N-amyl acetate	10.88	43	479838	51.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	358794	48.886	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	378035m	54.383	ug/l	
77) Bromobenzene	11.24	156	293765	50.327	ug/l	98
78) n-propylbenzene	11.34	91	1244903	50.591	ug/l	99
79) 2-Chlorotoluene	11.40	91	737891	49.205	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	974829	52.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	130956	49.492	ug/l	99
82) 4-Chlorotoluene	11.49	91	963543	54.637	ug/l	100
83) tert-Butylbenzene	11.76	119	949010	54.415	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1012107	52.938	ug/l	99
85) sec-Butylbenzene	11.93	105	1047952	49.776	ug/l	100
86) p-Isopropyltoluene	12.05	119	1004840	51.308	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	532828	50.153	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	528660	50.793	ug/l	98
89) n-Butylbenzene	12.37	91	900105	55.532	ug/l	99
90) Hexachloroethane	12.58	117	198260	50.901	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	536713	54.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	100380	53.692	ug/l	99

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93) 1,2,4-Trichlorobenzene	13.63	180	344349	53.371	ug/l	98
94) Hexachlorobutadiene	13.77	225	142770	51.851	ug/l	95
95) Naphthalene	13.82	128	1265167	62.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	376540	57.393	ug/l	99

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

