

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX083120\
 Data File : VX018138.D
 Acq On : 31 Aug 2020 11:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:58 AM

Quant Time: Sep 01 05:52:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	520680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	820263	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	781902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	413089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	355122	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	5.46	113	276414	49.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	8.70	98	1005057	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.12	95	407953	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	321651	50.739	ug/l	100
3) Chloromethane	1.31	50	324631	48.572	ug/l	99
4) Vinyl Chloride	1.39	62	303832	45.668	ug/l	100
5) Bromomethane	1.62	94	169560	52.838	ug/l	99
6) Chloroethane	1.70	64	176505	49.395	ug/l	95
7) Trichlorofluoromethane	1.91	101	466879	51.464	ug/l	97
8) Diethyl Ether	2.17	74	152771	49.656	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	231040	47.107	ug/l	98
10) Methyl Iodide	2.49	142	293799	55.356	ug/l	98
11) Tert butyl alcohol	3.02	59	328741	233.903	ug/l	98
12) 1,1-Dichloroethene	2.36	96	218157	42.874	ug/l	97
13) Acrolein	2.27	56	190852	327.495	ug/l	99
14) Allyl chloride	2.70	41	456919	49.981	ug/l	99
15) Acrylonitrile	3.12	53	770061	241.541	ug/l	99
16) Acetone	2.42	43	612679	217.523	ug/l	93
17) Carbon Disulfide	2.54	76	683919	44.462	ug/l	100
18) Methyl Acetate	2.75	43	352344	51.839	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	904006	51.804	ug/l	99
20) Methylene Chloride	2.83	84	284081	49.311	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	266466	47.267	ug/l	97
22) Diisopropyl ether	3.82	45	908545	50.354	ug/l	100
23) Vinyl Acetate	3.78	43	4148925	258.419	ug/l	100
24) 1,1-Dichloroethane	3.67	63	502931	48.966	ug/l	98
25) 2-Butanone	4.64	43	1071853	231.552	ug/l	100
26) 2,2-Dichloropropane	4.55	77	462313	55.321	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	317418	48.869	ug/l	98
28) Bromochloromethane	4.98	49	221501	44.678	ug/l	97
29) Tetrahydrofuran	5.09	42	692739	235.087	ug/l	98
30) Chloroform	5.17	83	529955	49.831	ug/l	97
31) Cyclohexane	5.54	56	433502	50.105	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	481965	49.383	ug/l	99
36) 1,1-Dichloropropene	5.76	75	385847	51.000	ug/l	100
37) Ethyl Acetate	4.79	43	430128	48.950	ug/l	98
38) Carbon Tetrachloride	5.75	117	447907	52.533	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	447291	54.067	ug/l	96
40) Benzene	6.11	78	1112578	50.047	ug/l	99
41) Methacrylonitrile	4.99	41	238040	49.337	ug/l	98
42) 1,2-Dichloroethane	6.16	62	446561	52.429	ug/l	99
43) Isopropyl Acetate	6.41	43	713428	50.267	ug/l	99
44) Trichloroethene	7.18	130	324747	51.699	ug/l	100
45) 1,2-Dichloropropane	7.49	63	307494	51.321	ug/l	97
46) Dibromomethane	7.63	93	211225	50.132	ug/l	98
47) Bromodichloromethane	7.87	83	436023	51.828	ug/l	99
48) Methyl methacrylate	7.74	41	352130	49.839	ug/l	99
49) 1,4-Dioxane	7.71	88	141483	1105.499	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2207762	251.827	ug/l	100
52) Toluene	8.76	92	717840	50.923	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	504569	54.115	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	530538	53.713	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	310496	51.645	ug/l	97
56) Ethyl methacrylate	9.16	69	468823	52.455	ug/l	99
57) 1,3-Dichloropropane	9.35	76	504401	50.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1039889	258.644	ug/l	99
59) 2-Hexanone	9.47	43	1698053	254.722	ug/l	100
60) Dibromochloromethane	9.57	129	385637	54.679	ug/l	98
61) 1,2-Dibromoethane	9.65	107	339309	51.985	ug/l	98
64) Tetrachloroethene	9.32	164	315407	54.893	ug/l	97
65) Chlorobenzene	10.12	112	818765	52.430	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	329046	53.461	ug/l	99
67) Ethyl Benzene	10.23	91	1413426	53.222	ug/l	98
68) m/p-Xylenes	10.34	106	1086690	109.630	ug/l	100
69) o-Xylene	10.68	106	522794	54.407	ug/l	98
70) Styrene	10.70	104	895805	54.743	ug/l	98
71) Bromoform	10.84	173	289253	55.097	ug/l #	100
73) Isopropylbenzene	11.00	105	1418498	52.059	ug/l	100
74) N-amyl acetate	10.88	43	653426	50.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	452695	47.097	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	437217m	47.579	ug/l	
77) Bromobenzene	11.24	156	383784	50.955	ug/l	97
78) n-propylbenzene	11.34	91	1629206	52.659	ug/l	100
79) 2-Chlorotoluene	11.40	91	981124	51.329	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1203226	53.737	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	176910	51.996	ug/l	98
82) 4-Chlorotoluene	11.49	91	1175628	51.736	ug/l	100
83) tert-Butylbenzene	11.76	119	1169217	52.913	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1224384	53.485	ug/l	99
85) sec-Butylbenzene	11.93	105	1357043	54.004	ug/l	99
86) p-Isopropyltoluene	12.05	119	1294664	56.089	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	676330	51.145	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	678879	51.273	ug/l	96
89) n-Butylbenzene	12.37	91	1141247	54.171	ug/l	99
90) Hexachloroethane	12.58	117	242798	53.464	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	638638	51.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	113308	47.145	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	447830	53.952	ug/l	99
94) Hexachlorobutadiene	13.77	225	180030	54.987	ug/l	98
95) Naphthalene	13.82	128	1437740	52.631	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	438327	53.443	ug/l	98

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

