

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090320\
 Data File : VX018247.D
 Acq On : 03 Sep 2020 19:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:24 AM

Quant Time: Sep 04 03:33:01 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	426995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	668163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	653210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	313908	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	5.46	113	242129	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	8.70	98	851744	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.12	95	351482	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	252075	48.488	ug/l	98
3) Chloromethane	1.31	50	243248	44.381	ug/l	98
4) Vinyl Chloride	1.39	62	251582	46.111	ug/l	100
5) Bromomethane	1.62	94	159812	60.727	ug/l	97
6) Chloroethane	1.71	64	149197	50.913	ug/l	97
7) Trichlorofluoromethane	1.91	101	417010	56.052	ug/l	99
8) Diethyl Ether	2.17	74	129115	51.175	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	206606	51.368	ug/l	98
10) Methyl Iodide	2.49	142	207542	48.416	ug/l	97
11) Tert butyl alcohol	3.01	59	270052	234.303	ug/l	100
12) 1,1-Dichloroethene	2.36	96	202193	48.455	ug/l	97
13) Acrolein	2.27	56	88956	186.136	ug/l	99
14) Allyl chloride	2.71	41	370294	49.393	ug/l	98
15) Acrylonitrile	3.12	53	648678	248.109	ug/l	99
16) Acetone	2.42	43	573896	248.459	ug/l	97
17) Carbon Disulfide	2.55	76	560259	44.414	ug/l	99
18) Methyl Acetate	2.75	43	324022	58.132	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	752162	52.560	ug/l	97
20) Methylene Chloride	2.84	84	237132	50.214	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	219612	47.503	ug/l	98
22) Diisopropyl ether	3.82	45	746065	50.421	ug/l	92
23) Vinyl Acetate	3.79	43	3301929	250.787	ug/l	99
24) 1,1-Dichloroethane	3.67	63	420138	49.880	ug/l	98
25) 2-Butanone	4.64	43	907000	238.929	ug/l	99
26) 2,2-Dichloropropane	4.56	77	333319	48.636	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	255467	47.960	ug/l	99
28) Bromochloromethane	4.98	49	191238	47.037	ug/l	97
29) Tetrahydrofuran	5.09	42	575557	238.175	ug/l	98
30) Chloroform	5.18	83	446879	51.238	ug/l	99
31) Cyclohexane	5.55	56	335498	47.286	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	426689	53.311	ug/l	99
36) 1,1-Dichloropropene	5.77	75	316898	51.421	ug/l	100
37) Ethyl Acetate	4.79	43	348580	48.700	ug/l	99
38) Carbon Tetrachloride	5.76	117	379227	54.603	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	336847	49.986	ug/l	99
40) Benzene	6.12	78	900038	49.702	ug/l	99
41) Methacrylonitrile	5.00	41	193587	49.258	ug/l	97
42) 1,2-Dichloroethane	6.17	62	381891	55.043	ug/l	97
43) Isopropyl Acetate	6.41	43	575069	49.742	ug/l	100
44) Trichloroethene	7.19	130	254961	49.829	ug/l	98
45) 1,2-Dichloropropane	7.49	63	244380	50.072	ug/l	94
46) Dibromomethane	7.64	93	175241	51.059	ug/l	100
47) Bromodichloromethane	7.88	83	367800	53.671	ug/l	98
48) Methyl methacrylate	7.74	41	289282	50.265	ug/l	97
49) 1,4-Dioxane	7.71	88	86337	828.175	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1823405	255.331	ug/l	100
52) Toluene	8.77	92	583980	50.858	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	390844	51.460	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	405878	50.447	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	253841	51.833	ug/l	99
56) Ethyl methacrylate	9.16	69	374305	51.413	ug/l	99
57) 1,3-Dichloropropane	9.35	76	411296	50.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	693742	211.828	ug/l	98
59) 2-Hexanone	9.48	43	1417258	260.997	ug/l	99
60) Dibromochloromethane	9.57	129	311886	54.289	ug/l	99
61) 1,2-Dibromoethane	9.65	107	269583	50.704	ug/l	98
64) Tetrachloroethene	9.32	164	236358	49.239	ug/l	93
65) Chlorobenzene	10.12	112	659308	50.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	272008	52.900	ug/l	97
67) Ethyl Benzene	10.24	91	1136040	51.205	ug/l	96
68) m/p-Xylenes	10.34	106	882033	106.515	ug/l	99
69) o-Xylene	10.68	106	422561	52.640	ug/l	98
70) Styrene	10.70	104	743927	54.418	ug/l	99
71) Bromoform	10.84	173	248639	56.692	ug/l	98
73) Isopropylbenzene	11.00	105	1147432	50.052	ug/l	98
74) N-amyl acetate	10.88	43	526278	48.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	381130	47.128	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	366609m	47.418	ug/l	
77) Bromobenzene	11.24	156	296294	46.757	ug/l	96
78) n-propylbenzene	11.34	91	1327240	50.988	ug/l	100
79) 2-Chlorotoluene	11.40	91	823071	51.179	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1012111	53.725	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	132787	46.387	ug/l	95
82) 4-Chlorotoluene	11.49	91	987188	51.636	ug/l	98
83) tert-Butylbenzene	11.76	119	985356	53.001	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1033394	53.654	ug/l	99
85) sec-Butylbenzene	11.93	105	1136405	53.751	ug/l	100
86) p-Isopropyltoluene	12.05	119	1070479	55.122	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	552757	49.682	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	561795	50.431	ug/l	97
89) n-Butylbenzene	12.37	91	928118	52.361	ug/l	98
90) Hexachloroethane	12.58	117	206530	54.053	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	527318	50.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94800	46.882	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	361703	51.792	ug/l	97
94) Hexachlorobutadiene	13.76	225	155181	56.335	ug/l	96
95) Naphthalene	13.82	128	1167492	50.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	351103	50.880	ug/l	99

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

