

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090920\
 Data File : VX018310.D
 Acq On : 09 Sep 2020 10:04
 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
 9/10/2020 4:03:12 PM

Quant Time: Sep 09 15:13:16 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	5.62	168	434251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	641054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	616761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	351329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	284927	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	5.46	113	226553	51.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.70	98	790580	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.12	95	324119	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	248297	46.963	ug/l	100
3) Chloromethane	1.31	50	229418	41.158	ug/l	100
4) Vinyl Chloride	1.39	62	238326	42.951	ug/l	99
5) Bromomethane	1.62	94	145642	54.418	ug/l	99
6) Chloroethane	1.70	64	140426	47.119	ug/l	97
7) Trichlorofluoromethane	1.91	101	399722	52.831	ug/l	94
8) Diethyl Ether	2.17	74	124924	48.686	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	210387	51.434	ug/l	98
10) Methyl Iodide	2.49	142	206898	47.564	ug/l	98
11) Tert butyl alcohol	3.01	59	249029	212.453	ug/l	99
12) 1,1-Dichloroethene	2.35	96	193729	45.651	ug/l	92
13) Acrolein	2.27	56	49679	102.214	ug/l	93
14) Allyl chloride	2.70	41	359543	47.157	ug/l	97
15) Acrylonitrile	3.11	53	576174	216.695	ug/l	99
16) Acetone	2.42	43	561074	238.849	ug/l	95
17) Carbon Disulfide	2.55	76	537175	41.873	ug/l	99
18) Methyl Acetate	2.75	43	286300	50.506	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	716056	49.201	ug/l	98
20) Methylene Chloride	2.83	84	225868	46.954	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	219759	46.741	ug/l	98
22) Diisopropyl ether	3.82	45	717820	47.702	ug/l	99
23) Vinyl Acetate	3.78	43	3134706	234.108	ug/l	99
24) 1,1-Dichloroethane	3.67	63	398984	46.577	ug/l	97
25) 2-Butanone	4.63	43	833373	215.865	ug/l	98
26) 2,2-Dichloropropane	4.54	77	392814	56.360	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	247031	45.602	ug/l	99
28) Bromochloromethane	4.97	49	187350	45.310	ug/l	97
29) Tetrahydrofuran	5.09	42	509501	207.317	ug/l	97
30) Chloroform	5.17	83	428566	48.317	ug/l	98
31) Cyclohexane	5.54	56	330443	45.795	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	403775	49.606	ug/l	99
36) 1,1-Dichloropropene	5.76	75	310810	52.566	ug/l	99
37) Ethyl Acetate	4.79	43	314725	45.829	ug/l	99
38) Carbon Tetrachloride	5.75	117	379103	56.893	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	351405	54.352	ug/l	98
40) Benzene	6.11	78	874581	50.339	ug/l	99
41) Methacrylonitrile	5.00	41	177908	47.182	ug/l	99
42) 1,2-Dichloroethane	6.16	62	361181	54.259	ug/l	97
43) Isopropyl Acetate	6.41	43	530668	47.843	ug/l	100
44) Trichloroethene	7.18	130	254048	51.750	ug/l	95
45) 1,2-Dichloropropane	7.49	63	234622	50.105	ug/l	99
46) Dibromomethane	7.63	93	168310	51.114	ug/l	97
47) Bromodichloromethane	7.87	83	347966	52.924	ug/l	98
48) Methyl methacrylate	7.74	41	263492	47.720	ug/l	98
49) 1,4-Dioxane	7.71	88	96498	964.786	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1640226	239.393	ug/l	100
52) Toluene	8.76	92	559418	50.779	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	387031	53.113	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	399964	51.814	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	237428	50.532	ug/l	97
56) Ethyl methacrylate	9.16	69	353028	50.541	ug/l	98
57) 1,3-Dichloropropane	9.35	76	381241	49.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	977169	310.988	ug/l	99
59) 2-Hexanone	9.47	43	1283292	246.320	ug/l	99
60) Dibromochloromethane	9.56	129	292654	53.095	ug/l	99
61) 1,2-Dibromoethane	9.65	107	250013	49.012	ug/l	100
64) Tetrachloroethene	9.32	164	237268	52.350	ug/l	94
65) Chlorobenzene	10.12	112	628259	51.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	260629	53.683	ug/l	99
67) Ethyl Benzene	10.23	91	1115313	53.242	ug/l	99
68) m/p-Xylenes	10.34	106	825363	105.561	ug/l	94
69) o-Xylene	10.68	106	399978	52.771	ug/l	97
70) Styrene	10.70	104	695495	53.882	ug/l	97
71) Bromoform	10.84	173	221732	53.544	ug/l	100
73) Isopropylbenzene	11.00	105	1111677	47.971	ug/l	99
74) N-amyl acetate	10.88	43	474298	43.136	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	358011	43.793	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	344315m	44.056	ug/l	
77) Bromobenzene	11.24	156	295965	46.203	ug/l	97
78) n-propylbenzene	11.34	91	1288144	48.955	ug/l	100
79) 2-Chlorotoluene	11.40	91	771784	47.475	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	959031	50.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	129047	44.596	ug/l	94
82) 4-Chlorotoluene	11.49	91	939691	48.623	ug/l	100
83) tert-Butylbenzene	11.76	119	942297	50.140	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	998261	51.272	ug/l	99
85) sec-Butylbenzene	11.93	105	1106869	51.791	ug/l	100
86) p-Isopropyltoluene	12.05	119	1051512	53.563	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	544460	48.410	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	547674	48.635	ug/l	98
89) n-Butylbenzene	12.37	91	950479	53.047	ug/l	99
90) Hexachloroethane	12.58	117	206155	53.375	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	494900	46.747	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	89054	43.567	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	354965	50.281	ug/l	99
94) Hexachlorobutadiene	13.77	225	157716	56.640	ug/l	98
95) Naphthalene	13.82	128	1108741	47.722	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	348782	50.001	ug/l	99

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

