

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021420\
 Data File : VX014937.D
 Acq On : 14 Feb 2020 09:28
 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

apatel
 2/17/2020 4:25:10 PM

Quant Time: Feb 14 23:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	472956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	643218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	252368	47.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	209835	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	791992	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	295045	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	255498	57.044	ug/l	99
3) Chloromethane	1.32	50	271516	53.469	ug/l	98
4) Vinyl Chloride	1.41	62	294521	53.840	ug/l	98
5) Bromomethane	1.63	94	191490	54.080	ug/l	97
6) Chloroethane	1.72	64	183455	52.413	ug/l	98
7) Trichlorofluoromethane	1.92	101	414716	54.262	ug/l	100
8) Diethyl Ether	2.18	74	166294	52.469	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	242595	54.683	ug/l	99
10) Methyl Iodide	2.50	142	289534	57.795	ug/l	99
11) Tert butyl alcohol	3.02	59	244760	259.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	234703	54.140	ug/l	99
13) Acrolein	2.28	56	173267	241.220	ug/l	99
14) Allyl chloride	2.72	41	401996	52.302	ug/l	99
15) Acrylonitrile	3.13	53	621350	260.070	ug/l	99
16) Acetone	2.43	43	848956	298.193	ug/l	98
17) Carbon Disulfide	2.56	76	628465	51.886	ug/l	99
18) Methyl Acetate	2.76	43	287248	53.433	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	781429	55.387	ug/l	97
20) Methylene Chloride	2.85	84	258839	50.410	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	251142	52.502	ug/l	100
22) Diisopropyl ether	3.84	45	806118	54.914	ug/l	97
23) Vinyl Acetate	3.80	43	3458376	285.789	ug/l	99
24) 1,1-Dichloroethane	3.69	63	444065	53.600	ug/l	99
25) 2-Butanone	4.65	43	1023031	281.526	ug/l	99
26) 2,2-Dichloropropane	4.57	77	391160	54.785	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	287012	53.676	ug/l	100
28) Bromochloromethane	5.00	49	164187	51.128	ug/l	99
29) Tetrahydrofuran	5.11	42	551862	267.150	ug/l	100
30) Chloroform	5.20	83	449446	54.678	ug/l	98
31) Cyclohexane	5.57	56	410700	54.427	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	394826	54.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	342167	55.230	ug/l	99
37) Ethyl Acetate	4.81	43	345650	53.493	ug/l	100
38) Carbon Tetrachloride	5.77	117	346127	57.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	435559	56.215	ug/l	97
40) Benzene	6.13	78	1012023	54.673	ug/l	98
41) Methacrylonitrile	5.03	41	196313	56.396	ug/l	99
42) 1,2-Dichloroethane	6.18	62	360677	53.911	ug/l	99
43) Isopropyl Acetate	6.43	43	589869	55.339	ug/l	100
44) Trichloroethene	7.20	130	296828	55.239	ug/l	99
45) 1,2-Dichloropropane	7.50	63	259127	54.891	ug/l	99
46) Dibromomethane	7.65	93	174170	53.975	ug/l	100
47) Bromodichloromethane	7.89	83	356928	55.786	ug/l	98
48) Methyl methacrylate	7.76	41	294542	56.149	ug/l	99
49) 1,4-Dioxane	7.73	88	109230	1113.690	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1765452	274.297	ug/l	100
52) Toluene	8.78	92	649761	55.267	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	403860	57.595	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	435812	56.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	261635	55.005	ug/l	98
56) Ethyl methacrylate	9.17	69	413599	57.850	ug/l	99
57) 1,3-Dichloropropane	9.36	76	437347	54.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1130600	302.375	ug/l	100
59) 2-Hexanone	9.48	43	1473617	291.286	ug/l	99
60) Dibromochloromethane	9.57	129	295683	57.764	ug/l	99
61) 1,2-Dibromoethane	9.67	107	277842	54.137	ug/l	100
64) Tetrachloroethene	9.33	164	307110	51.067	ug/l	98
65) Chlorobenzene	10.13	112	717336	54.984	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	268943	56.783	ug/l	99
67) Ethyl Benzene	10.25	91	1265509	57.037	ug/l	99
68) m/p-Xylenes	10.35	106	975656	114.147	ug/l	98
69) o-Xylene	10.69	106	464023	56.476	ug/l	99
70) Styrene	10.70	104	816603	58.749	ug/l	99
71) Bromoform	10.85	173	232054	58.697	ug/l #	99
73) Isopropylbenzene	11.01	105	1260796	57.434	ug/l	100
74) N-amyl acetate	10.89	43	529302	58.030	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	386459	53.855	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	329951m	52.125	ug/l	
77) Bromobenzene	11.25	156	334950	54.667	ug/l	98
78) n-propylbenzene	11.35	91	1452818	57.221	ug/l	99
79) 2-Chlorotoluene	11.42	91	830580	55.645	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1061598	57.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	138456	55.988	ug/l	99
82) 4-Chlorotoluene	11.51	91	992100	56.126	ug/l	100
83) tert-Butylbenzene	11.76	119	1021597	58.816	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1067924	57.773	ug/l	99
85) sec-Butylbenzene	11.94	105	1245867	57.739	ug/l	100
86) p-Isopropyltoluene	12.06	119	1170693	57.978	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	603212	54.878	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	611919	54.515	ug/l	99
89) n-Butylbenzene	12.38	91	1059420	58.583	ug/l	100
90) Hexachloroethane	12.59	117	209230	59.335	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	594998	55.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85249	50.638	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	459063	57.698	ug/l	98
94) Hexachlorobutadiene	13.77	225	223927	58.189	ug/l	99
95) Naphthalene	13.83	128	1253805	59.269	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	441702	57.462	ug/l	99

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

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