

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010065.D
 Acq On : 05 Jun 2019 10:20
 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
 6/6/2019 9:32:02 AM

Quant Time: Jun 05 12:42:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	162274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109721	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.49	113	81170	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	8.71	98	333239	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	125031	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113607	57.292	ug/l	99
3) Chloromethane	1.32	50	122664	46.014	ug/l	100
4) Vinyl Chloride	1.41	62	115441	48.037	ug/l	98
5) Bromomethane	1.64	94	79667	54.716	ug/l	97
6) Chloroethane	1.71	64	68417	46.248	ug/l	99
7) Trichlorofluoromethane	1.92	101	133746	50.364	ug/l	98
8) Diethyl Ether	2.19	74	56626	45.376	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83144	51.858	ug/l	98
10) Methyl Iodide	2.51	142	89700	45.630	ug/l	100
11) Tert butyl alcohol	3.06	59	130613	231.533	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83126	50.582	ug/l	99
13) Acrolein	2.29	56	91284	230.118	ug/l	99
14) Allyl chloride	2.73	41	197554	49.459	ug/l	98
15) Acrylonitrile	3.14	53	316266	232.678	ug/l	99
16) Acetone	2.45	43	336406	254.003	ug/l	98
17) Carbon Disulfide	2.57	76	255949	51.424	ug/l	100
18) Methyl Acetate	2.78	43	140801	45.689	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	312464	50.361	ug/l	99
20) Methylene Chloride	2.85	84	98828	48.728	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	91189	49.869	ug/l	98
22) Diisopropyl ether	3.85	45	376862	49.588	ug/l	98
23) Vinyl Acetate	3.81	43	1699220	248.886	ug/l	99
24) 1,1-Dichloroethane	3.70	63	183196	49.740	ug/l	100
25) 2-Butanone	4.67	43	497286	241.001	ug/l	99
26) 2,2-Dichloropropane	4.58	77	144915	52.014	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103476	49.023	ug/l	100
28) Bromochloromethane	5.01	49	86456	45.236	ug/l	100
29) Tetrahydrofuran	5.12	42	311775	235.624	ug/l	98
30) Chloroform	5.21	83	167635	50.469	ug/l	99
31) Cyclohexane	5.57	56	184728	52.956	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	143907	53.198	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134753	53.972	ug/l	100
37) Ethyl Acetate	4.83	43	179139	51.494	ug/l	99
38) Carbon Tetrachloride	5.78	117	121962	56.529	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172722	58.321	ug/l	99
40) Benzene	6.14	78	399796	53.980	ug/l	97
41) Methacrylonitrile	5.04	41	100910	49.641	ug/l	100
42) 1,2-Dichloroethane	6.19	62	144638	52.824	ug/l	99
43) Isopropyl Acetate	6.44	43	288568	51.408	ug/l	99
44) Trichloroethene	7.21	130	96974	53.903	ug/l	95
45) 1,2-Dichloropropane	7.51	63	111879	52.475	ug/l	98
46) Dibromomethane	7.66	93	65367	52.086	ug/l	98
47) Bromodichloromethane	7.90	83	132086	55.348	ug/l	99
48) Methyl methacrylate	7.77	41	148149	53.314	ug/l	98
49) 1,4-Dioxane	7.74	88	54259	1049.743	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	950506	260.304	ug/l	99
52) Toluene	8.78	92	250773	55.766	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	159977	55.895	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	172601	55.349	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97358	53.791	ug/l	96
56) Ethyl methacrylate	9.18	69	181320	56.271	ug/l	98
57) 1,3-Dichloropropane	9.37	76	173732	53.449	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	484857	286.954	ug/l	99
59) 2-Hexanone	9.49	43	757483	269.441	ug/l	99
60) Dibromochloromethane	9.58	129	101763	57.157	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101337	54.499	ug/l	100
64) Tetrachloroethene	9.34	164	92876	58.715	ug/l	97
65) Chlorobenzene	10.13	112	262997	55.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	94423	57.423	ug/l	99
67) Ethyl Benzene	10.25	91	485602	57.047	ug/l	99
68) m/p-Xylenes	10.36	106	362601	115.303	ug/l	99
69) o-Xylene	10.69	106	173358	57.480	ug/l	100
70) Styrene	10.71	104	307683	58.179	ug/l	99
71) Bromoform	10.85	173	79849	59.407	ug/l #	100
73) Isopropylbenzene	11.02	105	469909	54.271	ug/l	100
74) N-amyl acetate	10.90	43	266496	51.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160546	49.701	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	143109m	43.078	ug/l	
77) Bromobenzene	11.26	156	116848	52.955	ug/l	99
78) n-propylbenzene	11.36	91	553495	55.459	ug/l	99
79) 2-Chlorotoluene	11.42	91	322811	52.940	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	401786	55.081	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59540	52.494	ug/l	100
82) 4-Chlorotoluene	11.51	91	378797	53.364	ug/l	99
83) tert-Butylbenzene	11.77	119	384865	55.149	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	404417	54.593	ug/l	98
85) sec-Butylbenzene	11.94	105	467334	56.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	434950	58.244	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211518	53.843	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	213016	53.169	ug/l	99
89) n-Butylbenzene	12.38	91	404317	57.611	ug/l	100
90) Hexachloroethane	12.59	117	73508	57.359	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	205849	53.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36475	47.971	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	153649	55.512	ug/l	100
94) Hexachlorobutadiene	13.78	225	80624	58.074	ug/l	99
95) Naphthalene	13.83	128	465859	54.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150407	54.288	ug/l	100

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

