

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032919\
 Data File : VX008548.D
 Acq On : 29 Mar 2019 16:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 9:50:55 AM

Quant Time: Mar 30 00:31:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159671	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	118741	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.71	98	481044	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.13	95	180150	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111159	45.759	ug/l	100
3) Chloromethane	1.32	50	146145	47.643	ug/l	99
4) Vinyl Chloride	1.40	62	153444	45.240	ug/l	98
5) Bromomethane	1.64	94	46867	27.183	ug/l	98
6) Chloroethane	1.71	64	94290	46.927	ug/l	100
7) Trichlorofluoromethane	1.92	101	179655	46.768	ug/l	98
8) Diethyl Ether	2.19	74	87945	48.376	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118672	51.117	ug/l	99
10) Methyl Iodide	2.51	142	50540	24.655	ug/l	100
11) Tert butyl alcohol	3.06	59	195618	282.596	ug/l	100
12) 1,1-Dichloroethene	2.37	96	117902	49.175	ug/l	96
13) Acrolein	2.29	56	139382	277.275	ug/l	99
14) Allyl chloride	2.72	41	281175	53.231	ug/l	98
15) Acrylonitrile	3.15	53	493458	271.859	ug/l	100
16) Acetone	2.45	43	497090	304.413	ug/l	99
17) Carbon Disulfide	2.56	76	336051	48.843	ug/l	100
18) Methyl Acetate	2.78	43	218295	55.661	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	466028	53.939	ug/l	98
20) Methylene Chloride	2.85	84	145250	54.559	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	126142	52.815	ug/l	98
22) Diisopropyl ether	3.86	45	553994	53.265	ug/l	93
23) Vinyl Acetate	3.82	43	2491296	274.551	ug/l	99
24) 1,1-Dichloroethane	3.70	63	272416	51.880	ug/l	100
25) 2-Butanone	4.68	43	768001	293.364	ug/l	98
26) 2,2-Dichloropropane	4.58	77	201386	57.663	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	153208	52.257	ug/l	99
28) Bromochloromethane	5.02	49	113891	43.903	ug/l	100
29) Tetrahydrofuran	5.13	42	477557	276.782	ug/l	99
30) Chloroform	5.21	83	247652	52.261	ug/l	100
31) Cyclohexane	5.58	56	256466	51.212	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	202133	53.364	ug/l	100
36) 1,1-Dichloropropene	5.80	75	190494	51.425	ug/l	99
37) Ethyl Acetate	4.84	43	273200	56.930	ug/l	100
38) Carbon Tetrachloride	5.79	117	167390	54.148	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235930	53.294	ug/l	98
40) Benzene	6.14	78	590258	53.226	ug/l	100
41) Methacrylonitrile	5.04	41	153757	57.014	ug/l	99
42) 1,2-Dichloroethane	6.20	62	209207	51.525	ug/l	100
43) Isopropyl Acetate	6.45	43	445951	58.098	ug/l	100
44) Trichloroethene	7.21	130	134959	51.831	ug/l	95
45) 1,2-Dichloropropane	7.51	63	171283	54.339	ug/l	100
46) Dibromomethane	7.66	93	97227	52.821	ug/l	99
47) Bromodichloromethane	7.90	83	195855	55.590	ug/l	97
48) Methyl methacrylate	7.77	41	222992	58.061	ug/l	99
49) 1,4-Dioxane	7.74	88	77927	1020.449	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1452099	291.265	ug/l	100
52) Toluene	8.79	92	355723	53.647	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	226873	58.790	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	250535	57.093	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	147580	54.675	ug/l	99
56) Ethyl methacrylate	9.18	69	282038	57.886	ug/l	99
57) 1,3-Dichloropropane	9.37	76	261526	54.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	567511	225.330	ug/l	99
59) 2-Hexanone	9.49	43	1117388	289.252	ug/l	99
60) Dibromochloromethane	9.58	129	145243	56.581	ug/l	98
61) 1,2-Dibromoethane	9.67	107	151643	55.051	ug/l	99
64) Tetrachloroethene	9.34	164	112842	53.115	ug/l	98
65) Chlorobenzene	10.14	112	368374	53.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	133869	56.857	ug/l	100
67) Ethyl Benzene	10.25	91	693006	53.807	ug/l	100
68) m/p-Xylenes	10.36	106	502321	107.207	ug/l	99
69) o-Xylene	10.70	106	244141	53.693	ug/l	100
70) Styrene	10.71	104	430020	54.750	ug/l	100
71) Bromoform	10.86	173	107337	57.727	ug/l	99
73) Isopropylbenzene	11.02	105	648001	54.033	ug/l	100
74) N-amyl acetate	10.90	43	394631	56.851	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	243213	52.269	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	208860m	47.659	ug/l	
77) Bromobenzene	11.26	156	154176	52.970	ug/l	99
78) n-propylbenzene	11.36	91	767467	54.630	ug/l	100
79) 2-Chlorotoluene	11.42	91	452782	52.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	553229	54.565	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	85463	62.460	ug/l	98
82) 4-Chlorotoluene	11.51	91	522747	53.036	ug/l	100
83) tert-Butylbenzene	11.77	119	541330	55.340	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	555014	54.122	ug/l	100
85) sec-Butylbenzene	11.94	105	631633	54.222	ug/l	99
86) p-Isopropyltoluene	12.06	119	574428	55.884	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274021	52.692	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	272412	51.904	ug/l	100
89) n-Butylbenzene	12.39	91	547619	56.240	ug/l	99
90) Hexachloroethane	12.60	117	96356	56.269	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	270486	51.939	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55232	54.438	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	191105	54.505	ug/l	99
94) Hexachlorobutadiene	13.78	225	92210	55.386	ug/l	100
95) Naphthalene	13.83	128	657705	54.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189408	53.760	ug/l	99

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

