

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011353.D
 Acq On : 07 Aug 2019 10:53
 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
 8/8/2019 10:57:15 AM

Quant Time: Aug 08 07:14:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	87848	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.49	113	78583	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	8.71	98	297164	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
62) 4-Bromofluorobenzene	11.13	95	113130	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65441	47.548	ug/l	99
3) Chloromethane	1.32	50	69120	44.722	ug/l	97
4) Vinyl Chloride	1.40	62	77119	45.362	ug/l	99
5) Bromomethane	1.63	94	48271	39.811	ug/l	99
6) Chloroethane	1.71	64	51760	49.132	ug/l	99
7) Trichlorofluoromethane	1.92	101	142729	47.217	ug/l	98
8) Diethyl Ether	2.18	74	48072	44.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80450	49.187	ug/l	98
10) Methyl Iodide	2.50	142	102287	49.604	ug/l	99
11) Tert butyl alcohol	3.04	59	89002	248.713	ug/l	99
12) 1,1-Dichloroethene	2.36	96	77466	47.779	ug/l	89
13) Acrolein	2.29	56	52331	235.287	ug/l	99
14) Allyl chloride	2.71	41	115802	53.576	ug/l	98
15) Acrylonitrile	3.13	53	210331	246.303	ug/l	99
16) Acetone	2.43	43	220471	258.108	ug/l	97
17) Carbon Disulfide	2.56	76	184972	48.617	ug/l	100
18) Methyl Acetate	2.76	43	95724	49.038	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	247079	51.712	ug/l	99
20) Methylene Chloride	2.85	84	85263	45.578	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	81449	47.490	ug/l	91
22) Diisopropyl ether	3.84	45	238990	50.308	ug/l	95
23) Vinyl Acetate	3.81	43	1060859	269.246	ug/l	99
24) 1,1-Dichloroethane	3.68	63	139727	49.881	ug/l	98
25) 2-Butanone	4.66	43	306950	252.619	ug/l	100
26) 2,2-Dichloropropane	4.57	77	120554	55.363	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	95597	48.392	ug/l	97
28) Bromochloromethane	5.01	49	60628	47.476	ug/l	97
29) Tetrahydrofuran	5.12	42	180679	242.516	ug/l	100
30) Chloroform	5.20	83	154606	50.782	ug/l	98
31) Cyclohexane	5.57	56	114967	49.747	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	136966	52.517	ug/l	99
36) 1,1-Dichloropropene	5.79	75	111661	49.588	ug/l	98
37) Ethyl Acetate	4.82	43	110616	48.973	ug/l	98
38) Carbon Tetrachloride	5.77	117	122850	54.228	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132160	49.515	ug/l	100
40) Benzene	6.13	78	335478	49.926	ug/l	98
41) Methacrylonitrile	5.03	41	60947	49.408	ug/l	98
42) 1,2-Dichloroethane	6.18	62	120294	52.942	ug/l	98
43) Isopropyl Acetate	6.43	43	184008	50.956	ug/l	99
44) Trichloroethene	7.21	130	99776	49.057	ug/l	99
45) 1,2-Dichloropropane	7.51	63	86002	49.420	ug/l	99
46) Dibromomethane	7.65	93	61560	48.457	ug/l	97
47) Bromodichloromethane	7.89	83	117416	54.590	ug/l	99
48) Methyl methacrylate	7.76	41	90751	53.400	ug/l	97
49) 1,4-Dioxane	7.73	88	45532	924.159	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	605803	259.946	ug/l	100
52) Toluene	8.78	92	225049	50.656	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129481	51.595	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	138542	55.141	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	93483	51.177	ug/l	99
56) Ethyl methacrylate	9.17	69	140633	54.026	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145153	50.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	358212	279.873	ug/l	99
59) 2-Hexanone	9.49	43	482234	267.148	ug/l	98
60) Dibromochloromethane	9.58	129	103832	55.521	ug/l	98
61) 1,2-Dibromoethane	9.67	107	103021	52.202	ug/l	97
64) Tetrachloroethene	9.33	164	100546	48.774	ug/l	95
65) Chlorobenzene	10.13	112	255348	49.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	93560	52.507	ug/l	98
67) Ethyl Benzene	10.25	91	450912	51.731	ug/l	99
68) m/p-Xylenes	10.35	106	347839	103.169	ug/l	98
69) o-Xylene	10.69	106	167047	50.427	ug/l	97
70) Styrene	10.71	104	293051	53.464	ug/l	98
71) Bromoform	10.85	173	78884	49.541	ug/l #	100
73) Isopropylbenzene	11.01	105	462260	50.241	ug/l	99
74) N-amyl acetate	10.90	43	173687	52.244	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	145087	47.319	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	125817m	51.356	ug/l	
77) Bromobenzene	11.25	156	125373	49.140	ug/l	96
78) n-propylbenzene	11.36	91	529395	51.740	ug/l	99
79) 2-Chlorotoluene	11.42	91	306810	50.309	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	394411	51.209	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	45027	49.161	ug/l	100
82) 4-Chlorotoluene	11.51	91	363486	51.143	ug/l	98
83) tert-Butylbenzene	11.77	119	384239	50.866	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	395063	51.519	ug/l	100
85) sec-Butylbenzene	11.94	105	464140	51.141	ug/l	100
86) p-Isopropyltoluene	12.06	119	435775	52.192	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	225797	50.089	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	227876	49.022	ug/l	99
89) n-Butylbenzene	12.38	91	379473	52.754	ug/l	99
90) Hexachloroethane	12.59	117	66953	54.239	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	222915	49.214	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30766	51.791	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	157157	52.318	ug/l	99
94) Hexachlorobutadiene	13.78	225	74644	48.978	ug/l	99
95) Naphthalene	13.83	128	460314	52.401	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	156360	51.201	ug/l	99

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

