

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011379.D
 Acq On : 08 Aug 2019 09:45
 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
 8/9/2019 11:07:53 AM

Quant Time: Aug 09 04:30:39 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	168403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	89527	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	5.48	113	77896	49.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	8.71	98	293736	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	111101	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	55765	42.875	ug/l 97
3) Chloromethane	1.32	50	61156	41.871	ug/l 98
4) Vinyl Chloride	1.40	62	65749	40.924	ug/l 99
5) Bromomethane	1.63	94	45891	40.050	ug/l 100
6) Chloroethane	1.71	64	46473	46.541	ug/l 98
7) Trichlorofluoromethane	1.92	101	124262	43.499	ug/l 100
8) Diethyl Ether	2.18	74	42485	41.650	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69585	45.019	ug/l 99
10) Methyl Iodide	2.50	142	85082	43.661	ug/l 98
11) Tert butyl alcohol	3.04	59	76838	227.214	ug/l 100
12) 1,1-Dichloroethene	2.36	96	65586	42.805	ug/l 85
13) Acrolein	2.29	56	51720	246.088	ug/l 98
14) Allyl chloride	2.71	41	100758	49.328	ug/l 97
15) Acrylonitrile	3.13	53	189102	234.326	ug/l 99
16) Acetone	2.43	43	226306	280.353	ug/l 98
17) Carbon Disulfide	2.56	76	155222	43.171	ug/l 99
18) Methyl Acetate	2.76	43	85914	46.573	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	215824	47.798	ug/l 99
20) Methylene Chloride	2.84	84	75705	42.823	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	71588	44.169	ug/l 91
22) Diisopropyl ether	3.84	45	213309	47.515	ug/l 95
23) Vinyl Acetate	3.81	43	936202	251.431	ug/l 98
24) 1,1-Dichloroethane	3.68	63	123430	46.627	ug/l 99
25) 2-Butanone	4.66	43	291999	254.295	ug/l 99
26) 2,2-Dichloropropane	4.57	77	103616	50.353	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	84258	45.133	ug/l 96
28) Bromochloromethane	5.00	49	63023	52.222	ug/l 97
29) Tetrahydrofuran	5.12	42	161288	229.083	ug/l 99
30) Chloroform	5.20	83	136564	47.465	ug/l 96
31) Cyclohexane	5.57	56	99503	45.560	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	119389	48.440	ug/l 99
36) 1,1-Dichloropropene	5.79	75	96686	45.756	ug/l 98
37) Ethyl Acetate	4.82	43	100809	47.561	ug/l 99
38) Carbon Tetrachloride	5.78	117	106396	50.048	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	113630	45.367	ug/l	97
40) Benzene	6.13	78	294643	46.728	ug/l	97
41) Methacrylonitrile	5.03	41	54102	46.738	ug/l	97
42) 1,2-Dichloroethane	6.18	62	105889	49.662	ug/l	98
43) Isopropyl Acetate	6.43	43	163126	48.138	ug/l	99
44) Trichloroethene	7.21	130	86649	45.399	ug/l	99
45) 1,2-Dichloropropane	7.51	63	75231	46.069	ug/l	98
46) Dibromomethane	7.65	93	54514	45.728	ug/l	96
47) Bromodichloromethane	7.89	83	103906	51.480	ug/l	98
48) Methyl methacrylate	7.76	41	79281	49.713	ug/l	96
49) 1,4-Dioxane	7.73	88	39482	853.970	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	539092	246.507	ug/l	99
52) Toluene	8.78	92	196220	47.066	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	110544	47.197	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	120351	51.046	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	82644	48.214	ug/l	98
56) Ethyl methacrylate	9.17	69	122023	49.954	ug/l	97
57) 1,3-Dichloropropane	9.37	76	129513	47.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	320112	266.524	ug/l	99
59) 2-Hexanone	9.49	43	438679	258.973	ug/l	98
60) Dibromochloromethane	9.58	129	90395	51.509	ug/l	98
61) 1,2-Dibromoethane	9.66	107	88357	47.711	ug/l	99
64) Tetrachloroethene	9.33	164	90261	47.219	ug/l	95
65) Chlorobenzene	10.13	112	221995	45.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84294	51.017	ug/l	98
67) Ethyl Benzene	10.25	91	390548	48.319	ug/l	100
68) m/p-Xylenes	10.35	106	300665	96.171	ug/l	96
69) o-Xylene	10.69	106	145099	47.236	ug/l	97
70) Styrene	10.71	104	253762	49.927	ug/l	98
71) Bromoform	10.85	173	69119	46.968	ug/l #	98
73) Isopropylbenzene	11.01	105	400622	47.463	ug/l	99
74) N-amyl acetate	10.90	43	151625	49.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	127962	45.492	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	111784m	49.736	ug/l	
77) Bromobenzene	11.25	156	106050	45.310	ug/l	95
78) n-propylbenzene	11.35	91	459377	48.940	ug/l	98
79) 2-Chlorotoluene	11.41	91	268314	47.959	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	343523	48.618	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38630	46.268	ug/l	96
82) 4-Chlorotoluene	11.51	91	316546	48.549	ug/l	98
83) tert-Butylbenzene	11.77	119	333827	48.172	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	346712	49.285	ug/l	99
85) sec-Butylbenzene	11.94	105	400809	48.139	ug/l	100
86) p-Isopropyltoluene	12.06	119	378148	49.369	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195075	47.170	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	196726	46.132	ug/l	99
89) n-Butylbenzene	12.38	91	325005	49.250	ug/l	100
90) Hexachloroethane	12.59	117	59337	52.398	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	192819	46.403	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27869	51.139	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130257	47.268	ug/l	98
94) Hexachlorobutadiene	13.78	225	67865	48.540	ug/l	99
95) Naphthalene	13.83	128	394334	48.932	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	134307	47.940	ug/l	99

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

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