

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011444.D
 Acq On : 11 Aug 2019 20:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:30:15 AM

Quant Time: Aug 12 09:35:09 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	158082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	236350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	97251	61.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.18%	
35) Dibromofluoromethane	5.49	113	85523	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	8.71	98	319158	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
62) 4-Bromofluorobenzene	11.13	95	120266	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56736	46.469	ug/l	99
3) Chloromethane	1.32	50	61795	45.071	ug/l	98
4) Vinyl Chloride	1.40	62	66884	44.348	ug/l	97
5) Bromomethane	1.63	94	41645	38.718	ug/l	100
6) Chloroethane	1.71	64	45301	48.436	ug/l	99
7) Trichlorofluoromethane	1.92	101	125198	46.688	ug/l	99
8) Diethyl Ether	2.18	74	43661	45.598	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69963	48.219	ug/l	98
10) Methyl Iodide	2.50	142	90052	49.228	ug/l	97
11) Tert butyl alcohol	3.04	59	86214	271.580	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68360	47.528	ug/l	90
13) Acrolein	2.29	56	31048	157.221	ug/l	100
14) Allyl chloride	2.72	41	103325	53.887	ug/l	96
15) Acrylonitrile	3.14	53	204507	269.960	ug/l	97
16) Acetone	2.43	43	178187	235.154	ug/l	97
17) Carbon Disulfide	2.56	76	152857	45.289	ug/l	99
18) Methyl Acetate	2.76	43	98746	57.024	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	232859	54.938	ug/l	96
20) Methylene Chloride	2.85	84	79577	47.952	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	73565	48.352	ug/l	92
22) Diisopropyl ether	3.85	45	228744	54.279	ug/l	98
23) Vinyl Acetate	3.81	43	989007	282.954	ug/l	98
24) 1,1-Dichloroethane	3.69	63	129238	52.008	ug/l	98
25) 2-Butanone	4.67	43	287071	266.325	ug/l	96
26) 2,2-Dichloropropane	4.57	77	85947	44.493	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	88510	50.506	ug/l	98
28) Bromochloromethane	5.01	49	62656	55.308	ug/l	97
29) Tetrahydrofuran	5.12	42	179458	271.531	ug/l	99
30) Chloroform	5.20	83	144974	53.678	ug/l	99
31) Cyclohexane	5.57	56	99727	48.644	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	128807	55.673	ug/l	98
36) 1,1-Dichloropropene	5.79	75	99594	48.263	ug/l	99
37) Ethyl Acetate	4.82	43	109496	52.899	ug/l	99
38) Carbon Tetrachloride	5.78	117	112621	54.247	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110471	45.164	ug/l	98
40) Benzene	6.13	78	308848	50.155	ug/l	96
41) Methacrylonitrile	5.03	41	59745	52.851	ug/l	97
42) 1,2-Dichloroethane	6.18	62	114933	55.196	ug/l	97
43) Isopropyl Acetate	6.44	43	179323	54.188	ug/l	99
44) Trichloroethene	7.21	130	88142	47.289	ug/l	97
45) 1,2-Dichloropropane	7.51	63	80263	50.329	ug/l	99
46) Dibromomethane	7.66	93	58815	50.520	ug/l	96
47) Bromodichloromethane	7.89	83	109989	55.801	ug/l	99
48) Methyl methacrylate	7.76	41	89089	57.204	ug/l	97
49) 1,4-Dioxane	7.73	88	42987	952.086	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	603326	282.497	ug/l	99
52) Toluene	8.78	92	206625	50.751	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	113506	49.478	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	122537	53.220	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	88756	53.022	ug/l	98
56) Ethyl methacrylate	9.18	69	133851	56.110	ug/l	97
57) 1,3-Dichloropropane	9.37	76	139409	52.660	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	309145	263.568	ug/l	99
59) 2-Hexanone	9.49	43	466080	281.750	ug/l	98
60) Dibromochloromethane	9.58	129	96376	56.235	ug/l	98
61) 1,2-Dibromoethane	9.67	107	95615	52.868	ug/l	99
64) Tetrachloroethene	9.33	164	81554	42.602	ug/l	95
65) Chlorobenzene	10.13	112	234599	48.539	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	89850	54.301	ug/l	99
67) Ethyl Benzene	10.25	91	408980	50.527	ug/l	98
68) m/p-Xylenes	10.35	106	313615	100.168	ug/l	96
69) o-Xylene	10.69	106	154303	50.160	ug/l	98
70) Styrene	10.71	104	265397	52.141	ug/l	98
71) Bromoform	10.85	173	73274	49.554	ug/l #	99
73) Isopropylbenzene	11.02	105	421340	51.282	ug/l	99
74) N-amyl acetate	10.90	43	167424	56.395	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	142167	51.923	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	119802m	54.760	ug/l	
77) Bromobenzene	11.25	156	113065	49.627	ug/l	95
78) n-propylbenzene	11.36	91	465121	50.906	ug/l	99
79) 2-Chlorotoluene	11.41	91	277887	51.027	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350741	50.996	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37991	46.699	ug/l	98
82) 4-Chlorotoluene	11.51	91	327038	51.528	ug/l	97
83) tert-Butylbenzene	11.77	119	356265	52.814	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	355941	51.979	ug/l	100
85) sec-Butylbenzene	11.94	105	411272	50.746	ug/l	100
86) p-Isopropyltoluene	12.06	119	382687	51.327	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201480	50.050	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	198707	47.870	ug/l	98
89) n-Butylbenzene	12.38	91	322388	50.189	ug/l	100
90) Hexachloroethane	12.59	117	62739	56.916	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	200370	49.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31360	59.117	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134491	50.138	ug/l	99
94) Hexachlorobutadiene	13.78	225	65886	48.412	ug/l	98
95) Naphthalene	13.83	128	424583	54.126	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136402	50.018	ug/l	99

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

