

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011291.D
 Acq On : 02 Aug 2019 09:37
 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
 8/6/2019 12:11:36 PM

Quant Time: Aug 03 05:47:25 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	163763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	228408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	78002	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	5.49	113	74680	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.71	98	281761	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	105007	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	58372	46.151	ug/l 97
3) Chloromethane	1.32	50	61942	43.611	ug/l 99
4) Vinyl Chloride	1.40	62	70888	45.373	ug/l 100
5) Bromomethane	1.63	94	49718	44.620	ug/l 97
6) Chloroethane	1.71	64	48006	49.611	ug/l 100
7) Trichlorofluoromethane	1.92	101	128817	46.371	ug/l 98
8) Diethyl Ether	2.18	74	43469	43.822	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68866	45.816	ug/l 99
10) Methyl Iodide	2.50	142	84783	44.740	ug/l 100
11) Tert butyl alcohol	3.04	59	72200	219.550	ug/l 99
12) 1,1-Dichloroethene	2.36	96	67759	45.476	ug/l 96
13) Acrolein	2.28	56	46130	225.674	ug/l 100
14) Allyl chloride	2.72	41	94213	47.430	ug/l 100
15) Acrylonitrile	3.13	53	178232	227.114	ug/l 99
16) Acetone	2.43	43	196432	250.239	ug/l 100
17) Carbon Disulfide	2.56	76	164320	46.996	ug/l 100
18) Methyl Acetate	2.76	43	75997	42.364	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	203360	46.314	ug/l 99
20) Methylene Chloride	2.85	84	75304	43.803	ug/l 93
21) trans-1,2-Dichloroethene	3.15	96	72381	45.923	ug/l 93
22) Diisopropyl ether	3.84	45	199269	45.645	ug/l 94
23) Vinyl Acetate	3.81	43	869569	240.153	ug/l 100
24) 1,1-Dichloroethane	3.68	63	116073	45.090	ug/l 99
25) 2-Butanone	4.66	43	263194	235.704	ug/l 99
26) 2,2-Dichloropropane	4.57	77	94961	47.454	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	84070	46.308	ug/l 95
28) Bromochloromethane	5.01	49	54382	46.339	ug/l 99
29) Tetrahydrofuran	5.12	42	148033	216.213	ug/l 99
30) Chloroform	5.20	83	126453	45.197	ug/l 98
31) Cyclohexane	5.57	56	99928	47.051	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	111946	46.707	ug/l 100
36) 1,1-Dichloropropene	5.79	75	93849	47.061	ug/l 99
37) Ethyl Acetate	4.82	43	90385	45.185	ug/l 100
38) Carbon Tetrachloride	5.77	117	100206	49.945	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114483	48.431	ug/l	97
40) Benzene	6.13	78	289181	48.595	ug/l	99
41) Methacrylonitrile	5.02	41	47862	43.812	ug/l	96
42) 1,2-Dichloroethane	6.18	62	94861	47.141	ug/l	100
43) Isopropyl Acetate	6.43	43	147355	46.076	ug/l	99
44) Trichloroethene	7.21	130	86044	47.769	ug/l	94
45) 1,2-Dichloropropane	7.51	63	71867	46.631	ug/l	92
46) Dibromomethane	7.65	93	52863	46.986	ug/l	98
47) Bromodichloromethane	7.89	83	94932	49.837	ug/l	97
48) Methyl methacrylate	7.76	41	72055	47.875	ug/l	100
49) 1,4-Dioxane	7.73	88	39320	901.149	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	494203	239.448	ug/l	100
52) Toluene	8.78	92	190530	48.425	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102703	46.507	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	114411	51.418	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	78514	48.534	ug/l	98
56) Ethyl methacrylate	9.18	69	113333	49.161	ug/l	100
57) 1,3-Dichloropropane	9.37	76	122197	47.763	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	276586	244.008	ug/l	99
59) 2-Hexanone	9.49	43	397118	248.409	ug/l	100
60) Dibromochloromethane	9.58	129	83845	50.624	ug/l	100
61) 1,2-Dibromoethane	9.67	107	84767	48.500	ug/l	98
64) Tetrachloroethene	9.34	164	85996	47.086	ug/l	98
65) Chlorobenzene	10.13	112	218074	47.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	78141	49.499	ug/l	98
67) Ethyl Benzene	10.25	91	374929	48.551	ug/l	99
68) m/p-Xylenes	10.35	106	293398	98.224	ug/l	100
69) o-Xylene	10.69	106	140226	47.779	ug/l	100
70) Styrene	10.71	104	244092	50.264	ug/l	100
71) Bromoform	10.85	173	63388	45.197	ug/l #	99
73) Isopropylbenzene	11.02	105	382335	47.136	ug/l	100
74) N-amyl acetate	10.90	43	141068	48.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	121899	45.096	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	101194m	46.853	ug/l	
77) Bromobenzene	11.25	156	103575	46.049	ug/l	98
78) n-propylbenzene	11.36	91	439058	48.675	ug/l	99
79) 2-Chlorotoluene	11.42	91	251446	46.769	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	326144	48.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35520	44.466	ug/l	100
82) 4-Chlorotoluene	11.51	91	296584	47.335	ug/l	100
83) tert-Butylbenzene	11.77	119	319056	47.910	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	329613	48.757	ug/l	100
85) sec-Butylbenzene	11.94	105	387649	48.450	ug/l	100
86) p-Isopropyltoluene	12.06	119	362676	49.272	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188179	47.351	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	188859	46.086	ug/l	99
89) n-Butylbenzene	12.38	91	313030	49.362	ug/l	99
90) Hexachloroethane	12.59	117	54720	50.283	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	185552	46.468	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24245	46.296	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128962	48.699	ug/l	99
94) Hexachlorobutadiene	13.78	225	65161	48.499	ug/l	98
95) Naphthalene	13.83	128	377945	48.803	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126573	47.015	ug/l	98

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

