

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011756.D
 Acq On : 22 Aug 2019 12:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 8:41:52 AM

Quant Time: Aug 23 02:10:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	563561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	517343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	193205	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	5.49	113	175585	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.71	98	642914	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	241492	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	209621	53.505	ug/l	99
3) Chloromethane	1.32	50	165616	48.203	ug/l	100
4) Vinyl Chloride	1.40	62	161672	47.071	ug/l	99
5) Bromomethane	1.63	94	87202	46.087	ug/l	98
6) Chloroethane	1.71	64	93735	46.677	ug/l	98
7) Trichlorofluoromethane	1.92	101	266377	48.713	ug/l	98
8) Diethyl Ether	2.18	74	87268	46.934	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	159879	47.248	ug/l	98
10) Methyl Iodide	2.50	142	189923	45.952	ug/l	99
11) Tert butyl alcohol	3.04	59	187146	224.583	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150153	45.508	ug/l	94
13) Acrolein	2.28	56	77423	240.356	ug/l	98
14) Allyl chloride	2.71	41	239084	46.361	ug/l	96
15) Acrylonitrile	3.13	53	424521	222.730	ug/l	99
16) Acetone	2.43	43	417088	227.367	ug/l	98
17) Carbon Disulfide	2.56	76	385765	46.242	ug/l	100
18) Methyl Acetate	2.76	43	227357	45.675	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	499004	47.148	ug/l	98
20) Methylene Chloride	2.85	84	165380	44.097	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	162654	45.704	ug/l	96
22) Diisopropyl ether	3.84	45	477370	47.736	ug/l	95
23) Vinyl Acetate	3.81	43	1987533	240.048	ug/l	100
24) 1,1-Dichloroethane	3.68	63	276736	46.870	ug/l	98
25) 2-Butanone	4.66	43	628769	238.797	ug/l	99
26) 2,2-Dichloropropane	4.57	77	243254	48.514	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	193204	47.340	ug/l	98
28) Bromochloromethane	5.00	49	130537	48.704	ug/l	96
29) Tetrahydrofuran	5.11	42	397924	235.756	ug/l	99
30) Chloroform	5.20	83	303526	47.383	ug/l	98
31) Cyclohexane	5.57	56	265713	51.242	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	276012	49.568	ug/l	100
36) 1,1-Dichloropropene	5.79	75	226664	51.289	ug/l	99
37) Ethyl Acetate	4.82	43	231774	49.559	ug/l	99
38) Carbon Tetrachloride	5.77	117	249020	49.720	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	293374	53.571	ug/l	99
40) Benzene	6.13	78	667916	48.857	ug/l	99
41) Methacrylonitrile	5.03	41	131001	48.164	ug/l	99
42) 1,2-Dichloroethane	6.18	62	237898	47.604	ug/l	100
43) Isopropyl Acetate	6.43	43	367819	48.593	ug/l	99
44) Trichloroethene	7.21	130	207093	49.141	ug/l	100
45) 1,2-Dichloropropane	7.51	63	168735	49.105	ug/l	99
46) Dibromomethane	7.65	93	119956	47.350	ug/l	97
47) Bromodichloromethane	7.89	83	222386	48.764	ug/l	98
48) Methyl methacrylate	7.76	41	188582	50.061	ug/l	97
49) 1,4-Dioxane	7.73	88	98411	942.874	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1197431	240.078	ug/l	99
52) Toluene	8.78	92	436912	49.387	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	248534	51.913	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	274227	52.506	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	180724	49.033	ug/l	97
56) Ethyl methacrylate	9.17	69	270946	51.689	ug/l	98
57) 1,3-Dichloropropane	9.37	76	283389	47.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	736278	267.020	ug/l	100
59) 2-Hexanone	9.49	43	932896	243.691	ug/l	99
60) Dibromochloromethane	9.58	129	202497	50.814	ug/l	99
61) 1,2-Dibromoethane	9.66	107	195790	49.506	ug/l	100
64) Tetrachloroethene	9.33	164	209344	50.722	ug/l	99
65) Chlorobenzene	10.13	112	493290	48.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	189726	50.135	ug/l	99
67) Ethyl Benzene	10.25	91	839197	49.719	ug/l	99
68) m/p-Xylenes	10.35	106	669124	102.813	ug/l	98
69) o-Xylene	10.69	106	322540	50.477	ug/l	97
70) Styrene	10.71	104	553904	51.819	ug/l	98
71) Bromoform	10.85	173	167670	51.361	ug/l #	96
73) Isopropylbenzene	11.01	105	862655	50.558	ug/l	100
74) N-amyl acetate	10.89	43	328534	49.734	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	269256	47.676	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	240648m	48.439	ug/l	
77) Bromobenzene	11.25	156	251229	49.945	ug/l	98
78) n-propylbenzene	11.35	91	959665	52.600	ug/l	100
79) 2-Chlorotoluene	11.41	91	567295	49.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	742108	52.128	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	85241	51.744	ug/l	98
82) 4-Chlorotoluene	11.51	91	660866	50.511	ug/l	99
83) tert-Butylbenzene	11.77	119	736526	52.437	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	746983	51.959	ug/l	99
85) sec-Butylbenzene	11.94	105	852088	53.034	ug/l	100
86) p-Isopropyltoluene	12.06	119	822387	53.199	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	431658	49.832	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	435016	49.637	ug/l	100
89) n-Butylbenzene	12.38	91	684206	53.466	ug/l	100
90) Hexachloroethane	12.59	117	127651	53.152	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	425259	48.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60898	46.388	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	342197	53.247	ug/l	99
94) Hexachlorobutadiene	13.78	225	188821	53.619	ug/l	98
95) Naphthalene	13.83	128	947816	53.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	338315	52.429	ug/l	100

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

