

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021619\
 Data File : VX007574.D
 Acq On : 15 Feb 2019 17:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 10:40:48 AM

Quant Time: Feb 16 04:14:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	456161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	679135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	622801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	325451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240677	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	5.50	113	219184	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	794431	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.13	95	289570	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	232903	41.579	ug/l	98
3) Chloromethane	1.33	50	211471	41.158	ug/l	97
4) Vinyl Chloride	1.41	62	226705	44.976	ug/l	99
5) Bromomethane	1.64	94	212303	42.524	ug/l	97
6) Chloroethane	1.72	64	150545	46.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	364086	46.174	ug/l	99
8) Diethyl Ether	2.19	74	136499	45.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	207434	44.226	ug/l	98
10) Methyl Iodide	2.51	142	281834	40.847	ug/l	99
11) Tert butyl alcohol	3.07	59	248321	247.823	ug/l	99
12) 1,1-Dichloroethene	2.37	96	191018	43.858	ug/l	98
13) Acrolein	2.30	56	115606	246.039	ug/l	98
14) Allyl chloride	2.73	41	339270	47.807	ug/l	98
15) Acrylonitrile	3.15	53	612226	246.988	ug/l	99
16) Acetone	2.45	43	581693	262.273	ug/l	98
17) Carbon Disulfide	2.57	76	448252	39.810	ug/l	100
18) Methyl Acetate	2.78	43	341915	59.059	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	678483	48.084	ug/l	99
20) Methylene Chloride	2.86	84	219468	48.433	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	201338	43.395	ug/l	98
22) Diisopropyl ether	3.87	45	644997	49.411	ug/l	96
23) Vinyl Acetate	3.82	43	2694300	248.728	ug/l	100
24) 1,1-Dichloroethane	3.70	63	354987	47.354	ug/l	99
25) 2-Butanone	4.70	43	818100	259.194	ug/l	99
26) 2,2-Dichloropropane	4.59	77	273033	47.825	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	233944	46.165	ug/l	99
28) Bromochloromethane	5.02	49	172960	50.172	ug/l	97
29) Tetrahydrofuran	5.15	42	520946	262.426	ug/l	100
30) Chloroform	5.21	83	375858	48.049	ug/l	97
31) Cyclohexane	5.57	56	296318	44.011	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	325981	49.369	ug/l	99
36) 1,1-Dichloropropene	5.80	75	262401	43.063	ug/l	99
37) Ethyl Acetate	4.86	43	299263	48.584	ug/l	99
38) Carbon Tetrachloride	5.78	117	284349	48.100	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	318434	43.192	ug/l	97
40) Benzene	6.15	78	828453	46.155	ug/l	100
41) Methacrylonitrile	5.06	41	170326	51.593	ug/l	98
42) 1,2-Dichloroethane	6.20	62	282306	45.457	ug/l	99
43) Isopropyl Acetate	6.46	43	484184	50.926	ug/l	100
44) Trichloroethene	7.21	130	241243	44.625	ug/l	98
45) 1,2-Dichloropropane	7.52	63	215429	47.902	ug/l	99
46) Dibromomethane	7.66	93	148642	45.475	ug/l	100
47) Bromodichloromethane	7.90	83	277388	50.073	ug/l	99
48) Methyl methacrylate	7.77	41	249027	52.364	ug/l	99
49) 1,4-Dioxane	7.75	88	104461	966.097	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1598214	255.350	ug/l	99
52) Toluene	8.79	92	533855	46.098	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	301489	50.667	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	333261	50.929	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	231184	47.890	ug/l	96
56) Ethyl methacrylate	9.18	69	340907	50.988	ug/l	99
57) 1,3-Dichloropropane	9.37	76	366920	47.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	884501	250.989	ug/l	100
59) 2-Hexanone	9.49	43	1217397	249.954	ug/l	100
60) Dibromochloromethane	9.59	129	244873	53.635	ug/l	99
61) 1,2-Dibromoethane	9.67	107	242287	47.393	ug/l	99
64) Tetrachloroethene	9.34	164	238516	40.633	ug/l	95
65) Chlorobenzene	10.14	112	619727	45.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	230057	50.489	ug/l	99
67) Ethyl Benzene	10.25	91	1017114	46.473	ug/l	100
68) m/p-Xylenes	10.36	106	798621	91.795	ug/l	99
69) o-Xylene	10.70	106	392854	46.927	ug/l	99
70) Styrene	10.71	104	649770	47.859	ug/l	99
71) Bromoform	10.86	173	181275	45.733	ug/l	99
73) Isopropylbenzene	11.02	105	1051018	47.523	ug/l	99
74) N-amyl acetate	10.90	43	433107	50.630	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	337880	50.130	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	322265m	50.907	ug/l	
77) Bromobenzene	11.26	156	285088	45.751	ug/l	98
78) n-propylbenzene	11.36	91	1174012	48.409	ug/l	99
79) 2-Chlorotoluene	11.42	91	686981	46.684	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	867021	47.918	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	98763	48.373	ug/l	96
82) 4-Chlorotoluene	11.51	91	810614	47.607	ug/l	99
83) tert-Butylbenzene	11.77	119	874650	48.825	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	885922	48.228	ug/l	99
85) sec-Butylbenzene	11.94	105	1049069	48.386	ug/l	100
86) p-Isopropyltoluene	12.07	119	942103	48.136	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	502239	44.910	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	505560	44.559	ug/l	99
89) n-Butylbenzene	12.39	91	803022	47.695	ug/l	100
90) Hexachloroethane	12.60	117	155098	52.950	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	503170	45.211	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72129	51.466	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	342014	45.568	ug/l	99
94) Hexachlorobutadiene	13.78	225	162832	44.679	ug/l	99
95) Naphthalene	13.83	128	1072588	48.868	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	348021	46.065	ug/l	100

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

