

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007065.D
 Acq On : 15 Jan 2019 18:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:20:07 AM

Quant Time: Jan 16 00:59:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	515649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	773649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	707045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	272315	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	250127	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	8.71	98	915151	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.14	95	320875	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	221903	52.404	ug/l	97
3) Chloromethane	1.32	50	240790	48.847	ug/l	99
4) Vinyl Chloride	1.41	62	258956	48.835	ug/l	98
5) Bromomethane	1.64	94	260150	45.919	ug/l	97
6) Chloroethane	1.71	64	171667	46.364	ug/l	98
7) Trichlorofluoromethane	1.92	101	424502	49.545	ug/l	96
8) Diethyl Ether	2.19	74	165456	48.540	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	249557	48.651	ug/l	99
10) Methyl Iodide	2.51	142	380919	55.052	ug/l	100
11) Tert butyl alcohol	3.08	59	308494	242.675	ug/l	98
12) 1,1-Dichloroethene	2.37	96	231221	48.789	ug/l	98
13) Acrolein	2.30	56	149499	272.400	ug/l	100
14) Allyl chloride	2.73	41	406579	50.058	ug/l	99
15) Acrylonitrile	3.15	53	735275	251.956	ug/l	100
16) Acetone	2.45	43	636786	239.022	ug/l	100
17) Carbon Disulfide	2.57	76	541824	44.406	ug/l	99
18) Methyl Acetate	2.78	43	406415	52.677	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	833458	50.669	ug/l	99
20) Methylene Chloride	2.85	84	266396	52.602	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	248312	47.017	ug/l	100
22) Diisopropyl ether	3.87	45	767438	50.260	ug/l	95
23) Vinyl Acetate	3.82	43	3196373	248.222	ug/l	100
24) 1,1-Dichloroethane	3.70	63	420251	49.220	ug/l	99
25) 2-Butanone	4.70	43	944219	247.697	ug/l	98
26) 2,2-Dichloropropane	4.59	77	310752	47.331	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	282003	48.409	ug/l	99
28) Bromochloromethane	5.02	49	177013	47.319	ug/l	96
29) Tetrahydrofuran	5.15	42	614895	248.210	ug/l	98
30) Chloroform	5.22	83	447327	50.040	ug/l	99
31) Cyclohexane	5.57	56	369500	48.623	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	380947	50.276	ug/l	98
36) 1,1-Dichloropropene	5.80	75	317400	47.188	ug/l	100
37) Ethyl Acetate	4.85	43	359070	49.794	ug/l	98
38) Carbon Tetrachloride	5.78	117	329187	48.643	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	401191	46.786	ug/l	99
40) Benzene	6.14	78	992033	48.336	ug/l	99
41) Methacrylonitrile	5.06	41	194247	46.759	ug/l	98
42) 1,2-Dichloroethane	6.20	62	339728	47.901	ug/l	100
43) Isopropyl Acetate	6.46	43	566777	49.828	ug/l	98
44) Trichloroethene	7.21	130	288623	46.929	ug/l	95
45) 1,2-Dichloropropane	7.51	63	256908	49.791	ug/l	95
46) Dibromomethane	7.66	93	179903	49.611	ug/l	98
47) Bromodichloromethane	7.90	83	317405	51.422	ug/l	98
48) Methyl methacrylate	7.77	41	292248	50.031	ug/l	97
49) 1,4-Dioxane	7.75	88	130636	979.122	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1853366	253.539	ug/l	100
52) Toluene	8.79	92	643434	48.777	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	349978	51.133	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	391351	51.775	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	276626	52.391	ug/l	98
56) Ethyl methacrylate	9.18	69	394675	51.203	ug/l	95
57) 1,3-Dichloropropane	9.37	76	436711	50.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1029535	259.775	ug/l	98
59) 2-Hexanone	9.49	43	1412661	253.591	ug/l	99
60) Dibromochloromethane	9.59	129	278734	54.365	ug/l	99
61) 1,2-Dibromoethane	9.67	107	292828	50.377	ug/l	100
64) Tetrachloroethene	9.34	164	279309	45.628	ug/l	97
65) Chlorobenzene	10.14	112	743304	48.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	272669	52.561	ug/l	98
67) Ethyl Benzene	10.25	91	1222925	48.037	ug/l	98
68) m/p-Xylenes	10.36	106	977745	97.481	ug/l	99
69) o-Xylene	10.70	106	475120	48.571	ug/l	99
70) Styrene	10.71	104	763596	49.288	ug/l	99
71) Bromoform	10.86	173	207337	45.177	ug/l #	98
73) Isopropylbenzene	11.02	105	1262204	49.402	ug/l	98
74) N-amyl acetate	10.90	43	505139	49.106	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	391468	48.263	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	361470m	49.230	ug/l	
77) Bromobenzene	11.26	156	336516	47.802	ug/l	98
78) n-propylbenzene	11.36	91	1384905	49.376	ug/l	99
79) 2-Chlorotoluene	11.42	91	818174	48.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1044864	48.943	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	108911	45.160	ug/l	98
82) 4-Chlorotoluene	11.51	91	951961	48.697	ug/l	100
83) tert-Butylbenzene	11.77	119	1048767	49.238	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1057299	49.250	ug/l	100
85) sec-Butylbenzene	11.94	105	1245812	48.974	ug/l	100
86) p-Isopropyltoluene	12.07	119	1126489	49.508	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	599477	47.112	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	599976	49.766	ug/l	99
89) n-Butylbenzene	12.39	91	959847	49.485	ug/l	99
90) Hexachloroethane	12.60	117	169603	46.883	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	592964	47.221	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79946	49.836	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	412432	47.873	ug/l	98
94) Hexachlorobutadiene	13.78	225	191749	50.156	ug/l	98
95) Naphthalene	13.83	128	1297851	49.716	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	413349	48.299	ug/l	99

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

