

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121418\
 Data File : VX006534.D
 Acq On : 14 Dec 2018 22:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:24 PM

Quant Time: Dec 15 05:41:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	545336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	798612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	297046	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	5.51	113	274366	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.71	98	1007095	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	395767	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	259644	48.626	ug/l	98
3) Chloromethane	1.33	50	278797	50.809	ug/l	98
4) Vinyl Chloride	1.41	62	310895	52.644	ug/l	99
5) Bromomethane	1.64	94	293904	71.811	ug/l	98
6) Chloroethane	1.71	64	197580	54.566	ug/l	99
7) Trichlorofluoromethane	1.93	101	486649	53.683	ug/l	98
8) Diethyl Ether	2.19	74	188876	55.052	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	280777	54.471	ug/l	98
10) Methyl Iodide	2.51	142	457028	58.833	ug/l	98
11) Tert butyl alcohol	3.07	59	377077	247.678	ug/l	99
12) 1,1-Dichloroethene	2.37	96	267531	54.216	ug/l	94
13) Acrolein	2.29	56	212523	255.401	ug/l	96
14) Allyl chloride	2.73	41	447892	45.949	ug/l	98
15) Acrylonitrile	3.15	53	835323	262.929	ug/l	99
16) Acetone	2.45	43	675709	258.639	ug/l	95
17) Carbon Disulfide	2.57	76	680527	44.755	ug/l	99
18) Methyl Acetate	2.78	43	455340	52.117	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	916360	52.056	ug/l	98
20) Methylene Chloride	2.86	84	303867	54.651	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	287621	54.696	ug/l	90
22) Diisopropyl ether	3.87	45	839467	55.136	ug/l	98
23) Vinyl Acetate	3.82	43	3395726	261.491	ug/l	100
24) 1,1-Dichloroethane	3.70	63	480370	55.199	ug/l	99
25) 2-Butanone	4.70	43	1016246	272.617	ug/l	100
26) 2,2-Dichloropropane	4.59	77	340242	42.364	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	329902	56.243	ug/l	97
28) Bromochloromethane	5.02	49	198758	52.288	ug/l	99
29) Tetrahydrofuran	5.15	42	689055	265.964	ug/l	96
30) Chloroform	5.21	83	522732	57.159	ug/l	100
31) Cyclohexane	5.57	56	436498	54.274	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	455292	52.324	ug/l	99
36) 1,1-Dichloropropene	5.80	75	385127	53.176	ug/l	98
37) Ethyl Acetate	4.85	43	393424	48.507	ug/l	98
38) Carbon Tetrachloride	5.79	117	397531	46.657	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	490110	52.134	ug/l	96
40) Benzene	6.14	78	1173061	54.078	ug/l	99
41) Methacrylonitrile	5.06	41	219306	49.140	ug/l	98
42) 1,2-Dichloroethane	6.20	62	391237	55.109	ug/l	100
43) Isopropyl Acetate	6.46	43	639805	47.313	ug/l	99
44) Trichloroethene	7.21	130	344276	52.390	ug/l	94
45) 1,2-Dichloropropane	7.52	63	289559	52.522	ug/l	98
46) Dibromomethane	7.66	93	210246	52.804	ug/l	95
47) Bromodichloromethane	7.90	83	366643	47.551	ug/l	99
48) Methyl methacrylate	7.77	41	329507	50.087	ug/l	98
49) 1,4-Dioxane	7.75	88	170969	1054.445	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2042428	259.448	ug/l	98
52) Toluene	8.79	92	775674	54.353	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	407855	45.229	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	447724	47.815	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	319253	55.065	ug/l	99
56) Ethyl methacrylate	9.18	69	481360	53.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	500148	54.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1071846	233.042	ug/l	99
59) 2-Hexanone	9.49	43	1522126	253.081	ug/l	98
60) Dibromochloromethane	9.59	129	328355	45.929	ug/l	100
61) 1,2-Dibromoethane	9.67	107	348613	53.776	ug/l	100
64) Tetrachloroethene	9.34	164	327603	54.471	ug/l	97
65) Chlorobenzene	10.14	112	917757	54.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	320385	48.641	ug/l	99
67) Ethyl Benzene	10.25	91	1502754	53.297	ug/l	99
68) m/p-Xylenes	10.36	106	1205524	106.736	ug/l	100
69) o-Xylene	10.70	106	589764	52.864	ug/l	98
70) Styrene	10.71	104	963868	53.419	ug/l	99
71) Bromoform	10.86	173	248052	39.894	ug/l #	98
73) Isopropylbenzene	11.02	105	1563362	54.408	ug/l	100
74) N-amyl acetate	10.90	43	581976	47.034	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	474744	51.644	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	434891m	54.151	ug/l	
77) Bromobenzene	11.26	156	423258	53.078	ug/l	98
78) n-propylbenzene	11.36	91	1744226	54.608	ug/l	100
79) 2-Chlorotoluene	11.42	91	1032796	54.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1293627	54.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	129710	37.902	ug/l	86
82) 4-Chlorotoluene	11.51	91	1188900	53.864	ug/l	100
83) tert-Butylbenzene	11.77	119	1332471	52.237	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1335136	54.083	ug/l	100
85) sec-Butylbenzene	11.94	105	1602551	55.223	ug/l	100
86) p-Isopropyltoluene	12.07	119	1428884	54.682	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	762343	53.728	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	755378	52.451	ug/l	99
89) n-Butylbenzene	12.39	91	1191354	53.433	ug/l	99
90) Hexachloroethane	12.60	117	230421	43.265	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	735706	52.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101529	43.085	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	525378	51.138	ug/l	99
94) Hexachlorobutadiene	13.78	225	233783	51.455	ug/l	100
95) Naphthalene	13.83	128	1686883	52.785	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	521979	51.296	ug/l	98

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

