

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003520.D
 Acq On : 20 Jul 2018 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:35:48 PM

Quant Time: Jul 21 03:51:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404010	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188355	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
35) Dibromofluoromethane	5.51	113	168640	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	8.72	98	639520	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
62) 4-Bromofluorobenzene	11.14	95	233482	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	130418	56.416	ug/l	92
3) Chloromethane	1.32	50	156816	54.750	ug/l	99
4) Vinyl Chloride	1.40	62	176195	47.555	ug/l	98
5) Bromomethane	1.64	94	79241	53.958	ug/l	100
6) Chloroethane	1.71	64	114723	52.326	ug/l	100
7) Trichlorofluoromethane	1.92	101	248812	50.335	ug/l	99
8) Diethyl Ether	2.19	74	105923	49.893	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155511	48.067	ug/l	98
10) Methyl Iodide	2.51	142	204704	52.670	ug/l	93
11) Tert butyl alcohol	3.08	59	190827	279.325	ug/l	99
12) 1,1-Dichloroethene	2.37	96	149114	50.056	ug/l	88
13) Acrolein	2.29	56	68620	222.305	ug/l	99
14) Allyl chloride	2.73	41	271201	51.428	ug/l	86
15) Acrylonitrile	3.15	53	463782	266.646	ug/l	98
16) Acetone	2.45	43	360625	276.535	ug/l #	87
17) Carbon Disulfide	2.57	76	399464	49.585	ug/l	99
18) Methyl Acetate	2.78	43	228425	55.562	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	508050	52.229	ug/l	100
20) Methylene Chloride	2.85	84	170219	53.442	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	162088	48.903	ug/l	93
22) Diisopropyl ether	3.87	45	516062	52.007	ug/l	96
23) Vinyl Acetate	3.83	43	2117233	259.032	ug/l	95
24) 1,1-Dichloroethane	3.70	63	302106	51.891	ug/l	99
25) 2-Butanone	4.71	43	598818	273.680	ug/l	91
26) 2,2-Dichloropropane	4.59	77	201589	45.590	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	183959	49.847	ug/l	98
28) Bromochloromethane	5.01	49	137393	53.991	ug/l	92
29) Tetrahydrofuran	5.17	42	392516	271.566	ug/l	92
30) Chloroform	5.22	83	296394	52.136	ug/l	98
31) Cyclohexane	5.57	56	262753	50.512	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	256580	52.704	ug/l	97
36) 1,1-Dichloropropene	5.80	75	224667	51.506	ug/l	98
37) Ethyl Acetate	4.87	43	226986	54.992	ug/l	95
38) Carbon Tetrachloride	5.79	117	227813	53.245	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	261670	50.649	ug/l	95
40) Benzene	6.15	78	691015	52.470	ug/l	98
41) Methacrylonitrile	5.07	41	128828	53.105	ug/l	91
42) 1,2-Dichloroethane	6.20	62	228056	54.960	ug/l	95
43) Isopropyl Acetate	6.47	43	370531	56.432	ug/l	95
44) Trichloroethene	7.21	130	196564	50.047	ug/l	98
45) 1,2-Dichloropropane	7.52	63	179387	53.643	ug/l	98
46) Dibromomethane	7.67	93	115701	53.742	ug/l	97
47) Bromodichloromethane	7.90	83	218545	55.450	ug/l	99
48) Methyl methacrylate	7.78	41	192931	58.267	ug/l	86
49) 1,4-Dioxane	7.76	88	81753	1089.686	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1228144	296.077	ug/l	92
52) Toluene	8.79	92	434736	52.442	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	265132	54.654	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	237858	54.522	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	176130	53.394	ug/l	99
56) Ethyl methacrylate	9.18	69	262766	56.554	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	289969	54.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	620754	274.762	ug/l	99
59) 2-Hexanone	9.50	43	925197	301.036	ug/l	90
60) Dibromochloromethane	9.59	129	180923	55.411	ug/l	100
61) 1,2-Dibromoethane	9.68	107	185063	54.119	ug/l	100
64) Tetrachloroethene	9.34	164	231386	48.354	ug/l	99
65) Chlorobenzene	10.14	112	496729	49.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177983	51.119	ug/l	99
67) Ethyl Benzene	10.26	91	831216	51.086	ug/l	99
68) m/p-Xylenes	10.36	106	652578	102.304	ug/l	96
69) o-Xylene	10.70	106	316180	51.259	ug/l	96
70) Styrene	10.71	104	533189	52.551	ug/l	97
71) Bromoform	10.86	173	139742	51.657	ug/l	99
73) Isopropylbenzene	11.02	105	837822	51.529	ug/l	100
74) N-amyl acetate	6.47	43	370531	53.670	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	250217	52.515	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	231391m	54.787	ug/l	
77) Bromobenzene	11.26	156	228755	48.917	ug/l	98
78) n-propylbenzene	11.37	91	951395	52.640	ug/l	99
79) 2-Chlorotoluene	11.42	91	564324	51.433	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	704148	52.696	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	72261	48.660	ug/l	89
82) 4-Chlorotoluene	11.51	91	663217	51.587	ug/l	99
83) tert-Butylbenzene	11.77	119	667473	51.006	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	719123	52.889	ug/l	98
85) sec-Butylbenzene	11.95	105	823359	51.801	ug/l	100
86) p-Isopropyltoluene	12.07	119	740305	51.899	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	413067	48.053	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	416862	47.076	ug/l	99
89) n-Butylbenzene	12.39	91	630834	52.081	ug/l	99
90) Hexachloroethane	12.60	117	103798	51.188	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	418831	49.435	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51176	55.191	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294375	47.409	ug/l	99
94) Hexachlorobutadiene	13.79	225	138452	46.364	ug/l	100
95) Naphthalene	13.83	128	863016	52.894	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	301172	48.997	ug/l	99

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

