

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010219\
 Data File : VX006882.D
 Acq On : 02 Jan 2019 17:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:25 AM

Quant Time: Jan 03 01:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	588481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	847632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	781860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	419647	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	291841	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	5.50	113	267678	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.71	98	984634	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	372762	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	210038	39.015	ug/l	99
3) Chloromethane	1.33	50	233022	40.176	ug/l	98
4) Vinyl Chloride	1.41	62	252717	41.719	ug/l	99
5) Bromomethane	1.64	94	248120	43.649	ug/l	95
6) Chloroethane	1.71	64	166622	39.725	ug/l	97
7) Trichlorofluoromethane	1.93	101	412469	43.674	ug/l	99
8) Diethyl Ether	2.19	74	162530	43.328	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	253799	45.769	ug/l	99
10) Methyl Iodide	2.51	142	376490	47.431	ug/l	99
11) Tert butyl alcohol	3.06	59	303009	214.073	ug/l	100
12) 1,1-Dichloroethene	2.37	96	223836	42.571	ug/l	98
13) Acrolein	2.29	56	187593	196.459	ug/l	97
14) Allyl chloride	2.73	41	398687	45.048	ug/l	100
15) Acrylonitrile	3.15	53	708327	225.385	ug/l	100
16) Acetone	2.44	43	598844	205.513	ug/l	100
17) Carbon Disulfide	2.57	76	504215	36.237	ug/l	99
18) Methyl Acetate	2.78	43	417898	48.773	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	831384	47.641	ug/l	99
20) Methylene Chloride	2.85	84	259858	43.127	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	245558	42.150	ug/l	98
22) Diisopropyl ether	3.87	45	829768	51.249	ug/l	95
23) Vinyl Acetate	3.82	43	3320345	250.709	ug/l	99
24) 1,1-Dichloroethane	3.70	63	453348	46.905	ug/l	98
25) 2-Butanone	4.69	43	900503	219.702	ug/l	100
26) 2,2-Dichloropropane	4.58	77	345722	46.306	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	293523	45.666	ug/l	98
28) Bromochloromethane	5.01	49	206840	50.796	ug/l	97
29) Tetrahydrofuran	5.15	42	598620	221.746	ug/l	98
30) Chloroform	5.21	83	468431	46.801	ug/l	98
31) Cyclohexane	5.57	56	371605	42.320	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	404794	47.897	ug/l	99
36) 1,1-Dichloropropene	5.80	75	331792	47.262	ug/l	99
37) Ethyl Acetate	4.85	43	354357	48.496	ug/l	98
38) Carbon Tetrachloride	5.78	117	338469	49.609	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	399443	43.218	ug/l	93
40) Benzene	6.14	78	1015552	47.590	ug/l	99
41) Methacrylonitrile	5.05	41	202629	52.232	ug/l	98
42) 1,2-Dichloroethane	6.20	62	348606	47.941	ug/l	100
43) Isopropyl Acetate	6.45	43	592384	53.283	ug/l	98
44) Trichloroethene	7.21	130	304298	47.114	ug/l	99
45) 1,2-Dichloropropane	7.51	63	262825	50.612	ug/l	98
46) Dibromomethane	7.66	93	183058	47.925	ug/l	97
47) Bromodichloromethane	7.90	83	334041	52.675	ug/l	98
48) Methyl methacrylate	7.77	41	299612	52.994	ug/l	98
49) 1,4-Dioxane	7.75	88	134767	909.236	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1829254	258.592	ug/l	99
52) Toluene	8.78	92	664023	48.166	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	379363	55.778	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	409431	54.864	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	283625	50.262	ug/l	99
56) Ethyl methacrylate	9.18	69	419613	52.612	ug/l	96
57) 1,3-Dichloropropane	9.37	76	447906	49.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1086677	256.318	ug/l	100
59) 2-Hexanone	9.49	43	1341647	247.885	ug/l	99
60) Dibromochloromethane	9.58	129	296680	50.256	ug/l	98
61) 1,2-Dibromoethane	9.67	107	298968	49.839	ug/l	100
64) Tetrachloroethene	9.34	164	301003	48.618	ug/l	97
65) Chlorobenzene	10.13	112	793087	47.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	286992	55.611	ug/l	99
67) Ethyl Benzene	10.25	91	1310420	48.482	ug/l	100
68) m/p-Xylenes	10.36	106	1044284	97.912	ug/l	99
69) o-Xylene	10.69	106	512629	48.673	ug/l	98
70) Styrene	10.71	104	838721	50.336	ug/l	100
71) Bromoform	10.85	173	223971	48.282	ug/l	99
73) Isopropylbenzene	11.02	105	1375413	47.909	ug/l	98
74) N-amyl acetate	10.90	43	538883	52.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	409643	47.978	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	387973m	49.748	ug/l	
77) Bromobenzene	11.26	156	373823	48.163	ug/l	98
78) n-propylbenzene	11.36	91	1542537	48.792	ug/l	99
79) 2-Chlorotoluene	11.42	91	901452	47.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1146956	48.504	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118203	46.454	ug/l	98
82) 4-Chlorotoluene	11.51	91	1058958	48.187	ug/l	100
83) tert-Butylbenzene	11.77	119	1131310	47.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1163505	46.779	ug/l	99
85) sec-Butylbenzene	11.94	105	1375055	47.389	ug/l	100
86) p-Isopropyltoluene	12.06	119	1246134	48.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	675675	48.303	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	677718	47.261	ug/l	100
89) n-Butylbenzene	12.38	91	1069311	49.260	ug/l	99
90) Hexachloroethane	12.60	117	189123	47.549	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	659551	47.134	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83841	47.458	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	464562	48.129	ug/l	100
94) Hexachlorobutadiene	13.78	225	201574	44.306	ug/l	99
95) Naphthalene	13.83	128	1356620	44.036	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	451321	45.286	ug/l	98

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

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