

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009595.D
 Acq On : 16 May 2019 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:08:57 PM

Quant Time: May 17 03:29:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181210	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	275438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115836	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	5.49	113	86487	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.71	98	337643	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.13	95	127017	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69494	41.616	ug/l	99
3) Chloromethane	1.32	50	104626	45.892	ug/l	100
4) Vinyl Chloride	1.41	62	101759	45.773	ug/l	98
5) Bromomethane	1.64	94	61273	45.920	ug/l	97
6) Chloroethane	1.71	64	65314	45.760	ug/l	99
7) Trichlorofluoromethane	1.92	101	128699	47.626	ug/l	100
8) Diethyl Ether	2.19	74	59465	46.456	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80648	47.525	ug/l	98
10) Methyl Iodide	2.51	142	97978	49.721	ug/l	100
11) Tert butyl alcohol	3.06	59	120779	210.928	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79560	46.793	ug/l	99
13) Acrolein	2.29	56	105217	202.897	ug/l	99
14) Allyl chloride	2.72	41	192630	46.489	ug/l	99
15) Acrylonitrile	3.14	53	319359	228.102	ug/l	99
16) Acetone	2.45	43	355338	267.514	ug/l	99
17) Carbon Disulfide	2.56	76	219063	45.890	ug/l	100
18) Methyl Acetate	2.77	43	142143	44.997	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	307792	46.617	ug/l	100
20) Methylene Chloride	2.85	84	97738	45.445	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	86603	46.966	ug/l	99
22) Diisopropyl ether	3.85	45	381023	47.816	ug/l	95
23) Vinyl Acetate	3.81	43	1685810	247.056	ug/l	100
24) 1,1-Dichloroethane	3.69	63	183838	46.766	ug/l	100
25) 2-Butanone	4.67	43	511822	247.960	ug/l	100
26) 2,2-Dichloropropane	4.57	77	140449	48.000	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	102322	46.490	ug/l	99
28) Bromochloromethane	5.01	49	69257	43.405	ug/l	99
29) Tetrahydrofuran	5.12	42	308396	232.180	ug/l	99
30) Chloroform	5.20	83	169172	47.583	ug/l	100
31) Cyclohexane	5.57	56	175648	48.027	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	140208	47.373	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129398	50.552	ug/l	100
37) Ethyl Acetate	4.83	43	178014	49.914	ug/l	99
38) Carbon Tetrachloride	5.78	117	118315	50.874	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	163962	52.159	ug/l	98
40) Benzene	6.14	78	396401	50.039	ug/l	99
41) Methacrylonitrile	5.04	41	103461	48.734	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144369	50.804	ug/l	99
43) Isopropyl Acetate	6.44	43	286107	50.153	ug/l	100
44) Trichloroethene	7.21	130	94634	49.415	ug/l	92
45) 1,2-Dichloropropane	7.51	63	112820	50.296	ug/l	99
46) Dibromomethane	7.66	93	64534	49.543	ug/l	99
47) Bromodichloromethane	7.89	83	132940	51.163	ug/l	96
48) Methyl methacrylate	7.76	41	146385	51.722	ug/l	98
49) 1,4-Dioxane	7.74	88	50368	877.548	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	963384	258.372	ug/l	99
52) Toluene	8.78	92	246048	51.096	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153195	52.222	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	169806	52.296	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99290	50.541	ug/l	99
56) Ethyl methacrylate	9.18	69	180806	51.558	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175074	50.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	421486	226.560	ug/l	100
59) 2-Hexanone	9.49	43	766399	261.708	ug/l	99
60) Dibromochloromethane	9.58	129	100232	52.238	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100854	50.857	ug/l	99
64) Tetrachloroethene	9.34	164	88499	51.489	ug/l	97
65) Chlorobenzene	10.13	112	254323	50.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93565	51.488	ug/l	99
67) Ethyl Benzene	10.25	91	475335	51.527	ug/l	99
68) m/p-Xylenes	10.35	106	352019	104.424	ug/l	98
69) o-Xylene	10.69	106	169578	50.985	ug/l	100
70) Styrene	10.71	104	302088	52.256	ug/l	99
71) Bromoform	10.85	173	76880	52.059	ug/l #	100
73) Isopropylbenzene	11.02	105	464568	49.607	ug/l	100
74) N-amyl acetate	10.90	43	265209	48.574	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163280	46.770	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	147315m	49.314	ug/l	
77) Bromobenzene	11.25	156	113304	48.745	ug/l	100
78) n-propylbenzene	11.36	91	546260	51.075	ug/l	100
79) 2-Chlorotoluene	11.42	91	318650	48.292	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	394663	50.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	58275	49.913	ug/l	98
82) 4-Chlorotoluene	11.51	91	373645	50.125	ug/l	100
83) tert-Butylbenzene	11.77	119	380306	49.579	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	398461	50.343	ug/l	99
85) sec-Butylbenzene	11.94	105	459704	50.549	ug/l	100
86) p-Isopropyltoluene	12.06	119	421217	51.520	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206063	49.729	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207231	49.605	ug/l	99
89) n-Butylbenzene	12.38	91	395475	53.518	ug/l	100
90) Hexachloroethane	12.60	117	70422	50.559	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202567	47.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36731	46.901	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147071	50.958	ug/l	100
94) Hexachlorobutadiene	13.78	225	78829	53.485	ug/l	99
95) Naphthalene	13.83	128	454629	48.417	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148131	50.633	ug/l	100

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

