

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053119\
 Data File : VX009973.D
 Acq On : 31 May 2019 09:36
 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
 6/3/2019 9:47:14 AM

Quant Time: May 31 12:28:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113600	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.49	113	81626	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
50) Toluene-d8	8.71	98	335337	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	11.13	95	121945	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122014	54.853	ug/l	98
3) Chloromethane	1.32	50	133583	44.671	ug/l	99
4) Vinyl Chloride	1.41	62	130514	48.415	ug/l	97
5) Bromomethane	1.64	94	69435	42.512	ug/l	98
6) Chloroethane	1.71	64	73216	44.120	ug/l	100
7) Trichlorofluoromethane	1.92	101	144364	48.462	ug/l	99
8) Diethyl Ether	2.19	74	61593	43.999	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85834	47.725	ug/l	98
10) Methyl Iodide	2.51	142	85838	39.610	ug/l	99
11) Tert butyl alcohol	3.05	59	137494	217.275	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85460	46.358	ug/l	98
13) Acrolein	2.29	56	96981	219.059	ug/l	100
14) Allyl chloride	2.73	41	217785	48.606	ug/l	98
15) Acrylonitrile	3.14	53	351210	230.341	ug/l	99
16) Acetone	2.45	43	366335	246.579	ug/l	97
17) Carbon Disulfide	2.57	76	261136	46.806	ug/l	99
18) Methyl Acetate	2.77	43	161940	46.845	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	334011	47.991	ug/l	99
20) Methylene Chloride	2.85	84	104524	45.942	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	94832	46.232	ug/l	99
22) Diisopropyl ether	3.85	45	420528	49.327	ug/l	98
23) Vinyl Acetate	3.81	43	1894882	247.419	ug/l	98
24) 1,1-Dichloroethane	3.70	63	198832	48.126	ug/l	100
25) 2-Butanone	4.67	43	562468	243.003	ug/l	96
26) 2,2-Dichloropropane	4.58	77	155145	49.642	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	108453	45.804	ug/l	96
28) Bromochloromethane	5.01	49	92083	42.950	ug/l	96
29) Tetrahydrofuran	5.13	42	346298	233.307	ug/l	96
30) Chloroform	5.21	83	176517	47.374	ug/l	98
31) Cyclohexane	5.57	56	198973	50.849	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	151064	49.783	ug/l	98
36) 1,1-Dichloropropene	5.79	75	143128	49.356	ug/l	99
37) Ethyl Acetate	4.83	43	201250	49.807	ug/l	98
38) Carbon Tetrachloride	5.78	117	127708	50.963	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180047	52.343	ug/l	97
40) Benzene	6.14	78	423129	49.187	ug/l	100
41) Methacrylonitrile	5.04	41	112485	47.642	ug/l	98
42) 1,2-Dichloroethane	6.19	62	154757	48.662	ug/l	99
43) Isopropyl Acetate	6.44	43	317913	48.762	ug/l	98
44) Trichloroethene	7.21	130	100318	48.010	ug/l	95
45) 1,2-Dichloropropane	7.51	63	120581	48.694	ug/l	99
46) Dibromomethane	7.66	93	68625	47.080	ug/l	100
47) Bromodichloromethane	7.90	83	140848	50.814	ug/l	98
48) Methyl methacrylate	7.77	41	163092	50.532	ug/l	97
49) 1,4-Dioxane	7.74	88	54354	905.381	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1014772	239.267	ug/l	98
52) Toluene	8.78	92	260079	49.794	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	167335	50.337	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	183098	50.552	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	102386	48.704	ug/l	98
56) Ethyl methacrylate	9.18	69	190138	50.804	ug/l	95
57) 1,3-Dichloropropane	9.37	76	183244	48.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	552188	281.367	ug/l	99
59) 2-Hexanone	9.49	43	801344	245.413	ug/l	97
60) Dibromochloromethane	9.58	129	106251	51.380	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105301	48.757	ug/l	100
64) Tetrachloroethene	9.34	164	94149	52.315	ug/l	98
65) Chlorobenzene	10.13	112	266903	49.483	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	96921	51.807	ug/l	99
67) Ethyl Benzene	10.25	91	501382	51.770	ug/l	99
68) m/p-Xylenes	10.35	106	366040	102.306	ug/l	97
69) o-Xylene	10.69	106	174821	50.948	ug/l	98
70) Styrene	10.71	104	310177	51.551	ug/l	99
71) Bromoform	10.85	173	80543	52.669	ug/l #	99
73) Isopropylbenzene	11.02	105	475692	50.185	ug/l	99
74) N-amyl acetate	10.90	43	278350	49.143	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	167211	47.284	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148751m	40.901	ug/l	
77) Bromobenzene	11.26	156	115996	48.019	ug/l	98
78) n-propylbenzene	11.36	91	566823	51.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	328204	49.166	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	406032	50.846	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60741	48.918	ug/l	98
82) 4-Chlorotoluene	11.51	91	384456	49.474	ug/l	99
83) tert-Butylbenzene	11.77	119	386868	50.638	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	406513	50.127	ug/l	99
85) sec-Butylbenzene	11.94	105	472240	51.958	ug/l	100
86) p-Isopropyltoluene	12.06	119	432690	52.927	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207864	48.333	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	209022	47.657	ug/l	99
89) n-Butylbenzene	12.38	91	412151	53.645	ug/l	99
90) Hexachloroethane	12.59	117	74821	53.331	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	203088	47.897	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38440	46.180	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150998	49.833	ug/l	98
94) Hexachlorobutadiene	13.78	225	76950	50.631	ug/l	98
95) Naphthalene	13.83	128	461263	48.918	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148361	48.915	ug/l	100

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

