

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050619\
 Data File : VX009338.D
 Acq On : 06 May 2019 09:55
 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
 5/7/2019 9:41:45 AM

Quant Time: May 07 06:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	194409	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	303334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124550	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.49	113	93927	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	8.71	98	376505	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	138112	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85887	47.941	ug/l	100
3) Chloromethane	1.32	50	109987	44.968	ug/l	99
4) Vinyl Chloride	1.41	62	113466	47.574	ug/l	98
5) Bromomethane	1.64	94	66209	46.251	ug/l	98
6) Chloroethane	1.71	64	73245	47.833	ug/l	98
7) Trichlorofluoromethane	1.92	101	144535	49.855	ug/l	100
8) Diethyl Ether	2.18	74	66571	48.476	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92613	50.870	ug/l	99
10) Methyl Iodide	2.51	142	96209	45.897	ug/l	100
11) Tert butyl alcohol	3.05	59	137141	223.242	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89472	49.050	ug/l	95
13) Acrolein	2.29	56	124377	223.561	ug/l	99
14) Allyl chloride	2.72	41	212174	47.729	ug/l	100
15) Acrylonitrile	3.14	53	346694	230.814	ug/l	99
16) Acetone	2.44	43	362960	254.700	ug/l	98
17) Carbon Disulfide	2.56	76	238084	46.489	ug/l	100
18) Methyl Acetate	2.77	43	158020	46.627	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	351933	49.683	ug/l	99
20) Methylene Chloride	2.85	84	108306	46.939	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	95404	48.226	ug/l	97
22) Diisopropyl ether	3.85	45	425750	49.801	ug/l	93
23) Vinyl Acetate	3.81	43	1837653	251.025	ug/l	100
24) 1,1-Dichloroethane	3.69	63	205256	48.670	ug/l	100
25) 2-Butanone	4.67	43	547260	247.128	ug/l	100
26) 2,2-Dichloropropane	4.57	77	162643	51.812	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	115477	48.904	ug/l	99
28) Bromochloromethane	5.01	49	83778	49.311	ug/l	100
29) Tetrahydrofuran	5.12	42	331354	232.528	ug/l	100
30) Chloroform	5.20	83	189110	49.579	ug/l	100
31) Cyclohexane	5.57	56	191150	48.717	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	158964	50.064	ug/l	99
36) 1,1-Dichloropropene	5.79	75	143891	51.045	ug/l	100
37) Ethyl Acetate	4.82	43	191929	48.867	ug/l	99
38) Carbon Tetrachloride	5.78	117	133616	52.170	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180593	52.166	ug/l	99
40) Benzene	6.13	78	441072	50.558	ug/l	100
41) Methacrylonitrile	5.04	41	111410	47.652	ug/l	99
42) 1,2-Dichloroethane	6.18	62	158152	50.536	ug/l	100
43) Isopropyl Acetate	6.44	43	315119	50.159	ug/l	100
44) Trichloroethene	7.21	130	106209	50.358	ug/l	99
45) 1,2-Dichloropropane	7.51	63	125426	50.773	ug/l	99
46) Dibromomethane	7.65	93	70577	49.199	ug/l	97
47) Bromodichloromethane	7.89	83	148863	52.023	ug/l	97
48) Methyl methacrylate	7.76	41	158149	50.740	ug/l	99
49) 1,4-Dioxane	7.73	88	56178	888.761	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1005029	244.752	ug/l	99
52) Toluene	8.78	92	269203	50.763	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173988	53.855	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190231	53.199	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109731	50.718	ug/l	96
56) Ethyl methacrylate	9.17	69	198197	51.320	ug/l	100
57) 1,3-Dichloropropane	9.37	76	193560	50.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	499237	243.674	ug/l	99
59) 2-Hexanone	9.49	43	835106	258.944	ug/l	99
60) Dibromochloromethane	9.58	129	113232	53.586	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111259	50.944	ug/l	100
64) Tetrachloroethene	9.34	164	100919	54.229	ug/l	98
65) Chlorobenzene	10.13	112	281688	51.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	104233	52.975	ug/l	99
67) Ethyl Benzene	10.25	91	520997	52.162	ug/l	99
68) m/p-Xylenes	10.35	106	386682	105.941	ug/l	99
69) o-Xylene	10.69	106	186066	51.667	ug/l	99
70) Styrene	10.71	104	332570	53.133	ug/l	99
71) Bromoform	10.85	173	87729	54.866	ug/l	99
73) Isopropylbenzene	11.02	105	510423	51.040	ug/l	99
74) N-amyl acetate	10.90	43	292087	50.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183107	49.116	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161613m	50.662	ug/l	
77) Bromobenzene	11.25	156	124362	50.102	ug/l	99
78) n-propylbenzene	11.36	91	590797	51.729	ug/l	99
79) 2-Chlorotoluene	11.42	91	349624	49.619	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	435013	51.662	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64887	52.044	ug/l	97
82) 4-Chlorotoluene	11.51	91	410078	51.516	ug/l	99
83) tert-Butylbenzene	11.77	119	421939	51.511	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	440479	52.116	ug/l	99
85) sec-Butylbenzene	11.94	105	507257	52.233	ug/l	99
86) p-Isopropyltoluene	12.06	119	467098	53.502	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	227808	51.483	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229966	51.549	ug/l	99
89) n-Butylbenzene	12.38	91	437857	55.488	ug/l	100
90) Hexachloroethane	12.59	117	80087	53.844	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	230394	51.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39526	47.263	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	167819	54.451	ug/l	98
94) Hexachlorobutadiene	13.78	225	86176	54.755	ug/l	99
95) Naphthalene	13.83	128	510789	50.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	165396	52.942	ug/l	100

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

