

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051019\
 Data File : VX009484.D
 Acq On : 10 May 2019 16:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:52:52 AM

Quant Time: May 11 03:38:06 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	171946	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	266636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111289	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.49	113	84050	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.71	98	335940	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	125391	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	72046	45.469	ug/l	100
3) Chloromethane	1.32	50	103325	47.763	ug/l	100
4) Vinyl Chloride	1.40	62	103874	49.242	ug/l	97
5) Bromomethane	1.64	94	58429	46.148	ug/l	100
6) Chloroethane	1.71	64	66891	49.390	ug/l	99
7) Trichlorofluoromethane	1.92	101	129285	50.420	ug/l	98
8) Diethyl Ether	2.18	74	59154	48.703	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80299	49.869	ug/l	98
10) Methyl Iodide	2.51	142	89832	48.198	ug/l	99
11) Tert butyl alcohol	3.05	59	129523	238.385	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80975	50.191	ug/l	97
13) Acrolein	2.29	56	105288	213.973	ug/l	98
14) Allyl chloride	2.72	41	188711	47.997	ug/l	99
15) Acrylonitrile	3.14	53	315300	237.336	ug/l	99
16) Acetone	2.44	43	321672	255.216	ug/l	98
17) Carbon Disulfide	2.56	76	230561	50.901	ug/l	100
18) Methyl Acetate	2.77	43	135560	45.225	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	307919	49.149	ug/l	100
20) Methylene Chloride	2.85	84	96753	47.410	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	87505	50.012	ug/l	98
22) Diisopropyl ether	3.85	45	370702	49.027	ug/l	97
23) Vinyl Acetate	3.81	43	1662415	256.754	ug/l	100
24) 1,1-Dichloroethane	3.69	63	179920	48.236	ug/l	99
25) 2-Butanone	4.67	43	484253	247.243	ug/l	100
26) 2,2-Dichloropropane	4.58	77	136699	49.236	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	101451	48.577	ug/l	100
28) Bromochloromethane	5.01	49	68631	45.459	ug/l	99
29) Tetrahydrofuran	5.12	42	309235	245.355	ug/l	99
30) Chloroform	5.21	83	168040	49.811	ug/l	99
31) Cyclohexane	5.57	56	178571	51.457	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	138694	49.386	ug/l	99
36) 1,1-Dichloropropene	5.79	75	130025	52.474	ug/l	100
37) Ethyl Acetate	4.83	43	178056	51.574	ug/l	99
38) Carbon Tetrachloride	5.78	117	117989	52.409	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167038	54.891	ug/l	98
40) Benzene	6.14	78	393489	51.311	ug/l	99
41) Methacrylonitrile	5.04	41	99693	48.509	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141871	51.573	ug/l	100
43) Isopropyl Acetate	6.44	43	283336	51.307	ug/l	100
44) Trichloroethene	7.21	130	95164	51.332	ug/l	99
45) 1,2-Dichloropropane	7.51	63	110496	50.886	ug/l	99
46) Dibromomethane	7.66	93	64329	51.015	ug/l	98
47) Bromodichloromethane	7.90	83	128824	51.216	ug/l	96
48) Methyl methacrylate	7.77	41	143015	52.200	ug/l	99
49) 1,4-Dioxane	7.74	88	54062	973.001	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	923687	255.903	ug/l	100
52) Toluene	8.78	92	243659	52.270	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	151801	53.455	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	168547	53.622	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96347	50.661	ug/l	95
56) Ethyl methacrylate	9.18	69	176466	51.982	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170235	50.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	435323	241.722	ug/l	100
59) 2-Hexanone	9.49	43	745931	263.127	ug/l	99
60) Dibromochloromethane	9.58	129	97972	52.746	ug/l	98
61) 1,2-Dibromoethane	9.67	107	99560	51.862	ug/l	99
64) Tetrachloroethene	9.34	164	88040	53.228	ug/l	99
65) Chlorobenzene	10.13	112	251469	52.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	91237	52.172	ug/l	98
67) Ethyl Benzene	10.25	91	469052	52.837	ug/l	100
68) m/p-Xylenes	10.36	106	350902	108.168	ug/l	100
69) o-Xylene	10.69	106	169272	52.885	ug/l	99
70) Styrene	10.71	104	301091	54.122	ug/l	100
71) Bromoform	10.85	173	74129	52.162	ug/l #	99
73) Isopropylbenzene	11.02	105	457571	49.813	ug/l	99
74) N-amyl acetate	10.90	43	267703	49.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163270	47.680	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143583m	49.002	ug/l	
77) Bromobenzene	11.26	156	112731	49.445	ug/l	99
78) n-propylbenzene	11.36	91	535436	51.040	ug/l	99
79) 2-Chlorotoluene	11.42	91	314780	48.636	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	391764	50.652	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57626	50.320	ug/l	99
82) 4-Chlorotoluene	11.51	91	364877	49.904	ug/l	100
83) tert-Butylbenzene	11.77	119	376124	49.990	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	394029	50.755	ug/l	99
85) sec-Butylbenzene	11.94	105	454625	50.966	ug/l	100
86) p-Isopropyltoluene	12.06	119	417692	52.086	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205371	50.529	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	206818	50.472	ug/l	99
89) n-Butylbenzene	12.38	91	384646	53.069	ug/l	99
90) Hexachloroethane	12.60	117	69670	50.995	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	207742	50.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37211	48.441	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	150613	53.203	ug/l	98
94) Hexachlorobutadiene	13.78	225	77326	53.489	ug/l	99
95) Naphthalene	13.83	128	462108	50.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148604	51.786	ug/l	99

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

