

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051119\
 Data File : VX009513.D
 Acq On : 11 May 2019 10:14
 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
 5/13/2019 4:26:54 PM

Quant Time: May 12 02:07:35 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	5.66	168	180625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281562	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119987	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.49	113	89535	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	358589	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	134670	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76865	46.179	ug/l	100
3) Chloromethane	1.32	50	109615	48.236	ug/l	100
4) Vinyl Chloride	1.41	62	110902	50.048	ug/l	96
5) Bromomethane	1.64	94	69728	52.426	ug/l	99
6) Chloroethane	1.71	64	68094	47.862	ug/l	97
7) Trichlorofluoromethane	1.92	101	140264	52.073	ug/l	98
8) Diethyl Ether	2.18	74	63063	49.426	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88831	52.517	ug/l	99
10) Methyl Iodide	2.51	142	103447	52.394	ug/l	99
11) Tert butyl alcohol	3.05	59	141195	247.381	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87105	51.396	ug/l	97
13) Acrolein	2.29	56	122214	236.437	ug/l	100
14) Allyl chloride	2.73	41	207098	50.142	ug/l	99
15) Acrylonitrile	3.14	53	332964	238.590	ug/l	99
16) Acetone	2.44	43	367268	277.391	ug/l	98
17) Carbon Disulfide	2.57	76	250697	52.687	ug/l	99
18) Methyl Acetate	2.77	43	144635	45.934	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	335269	50.943	ug/l	99
20) Methylene Chloride	2.85	84	103028	48.060	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	95106	51.744	ug/l	98
22) Diisopropyl ether	3.85	45	403737	50.830	ug/l	97
23) Vinyl Acetate	3.81	43	1800319	264.692	ug/l	100
24) 1,1-Dichloroethane	3.70	63	193817	49.464	ug/l	100
25) 2-Butanone	4.67	43	525589	255.454	ug/l	98
26) 2,2-Dichloropropane	4.58	77	153818	52.740	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	111036	50.612	ug/l	99
28) Bromochloromethane	5.01	49	75876	47.995	ug/l	100
29) Tetrahydrofuran	5.12	42	328207	247.896	ug/l	99
30) Chloroform	5.21	83	180665	50.980	ug/l	99
31) Cyclohexane	5.58	56	193227	53.005	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	151753	51.440	ug/l	99
36) 1,1-Dichloropropene	5.79	75	141522	54.086	ug/l	99
37) Ethyl Acetate	4.82	43	186825	51.245	ug/l	99
38) Carbon Tetrachloride	5.78	117	127314	53.553	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181644	56.527	ug/l	99
40) Benzene	6.14	78	426453	52.662	ug/l	99
41) Methacrylonitrile	5.04	41	109260	50.346	ug/l	99
42) 1,2-Dichloroethane	6.19	62	153418	52.814	ug/l	99
43) Isopropyl Acetate	6.44	43	304511	52.219	ug/l	100
44) Trichloroethene	7.21	130	103800	53.022	ug/l	100
45) 1,2-Dichloropropane	7.51	63	119304	52.030	ug/l	97
46) Dibromomethane	7.66	93	68937	51.772	ug/l	98
47) Bromodichloromethane	7.90	83	141450	53.254	ug/l	98
48) Methyl methacrylate	7.77	41	154687	53.467	ug/l	99
49) 1,4-Dioxane	7.74	88	59830	1019.729	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	991110	260.026	ug/l	99
52) Toluene	8.78	92	261331	53.089	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	166372	55.480	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	183000	55.134	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105050	52.309	ug/l	98
56) Ethyl methacrylate	9.18	69	191097	53.307	ug/l	98
57) 1,3-Dichloropropane	9.37	76	185544	52.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	476068	250.333	ug/l	99
59) 2-Hexanone	9.49	43	798182	266.633	ug/l	100
60) Dibromochloromethane	9.58	129	106588	54.342	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108309	53.428	ug/l	100
64) Tetrachloroethene	9.34	164	94562	54.171	ug/l	98
65) Chlorobenzene	10.13	112	271330	53.299	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	99030	53.657	ug/l	99
67) Ethyl Benzene	10.25	91	511976	54.646	ug/l	100
68) m/p-Xylenes	10.35	106	375454	109.663	ug/l	99
69) o-Xylene	10.69	106	183013	54.178	ug/l	99
70) Styrene	10.71	104	322710	54.965	ug/l	99
71) Bromoform	10.85	173	82624	55.089	ug/l #	99
73) Isopropylbenzene	11.02	105	492478	50.654	ug/l	99
74) N-amyl acetate	10.90	43	289237	51.027	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	175090	48.309	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	154380m	49.779	ug/l	
77) Bromobenzene	11.25	156	121873	50.504	ug/l	98
78) n-propylbenzene	11.36	91	581632	52.383	ug/l	99
79) 2-Chlorotoluene	11.42	91	339141	49.507	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	423037	51.676	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62431	51.506	ug/l	98
82) 4-Chlorotoluene	11.51	91	397994	51.428	ug/l	100
83) tert-Butylbenzene	11.77	119	407254	51.139	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	428436	52.140	ug/l	99
85) sec-Butylbenzene	11.94	105	491838	52.093	ug/l	99
86) p-Isopropyltoluene	12.06	119	453020	53.373	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	224329	52.147	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	225740	52.049	ug/l	100
89) n-Butylbenzene	12.38	91	424530	55.338	ug/l	100
90) Hexachloroethane	12.59	117	74985	51.855	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	226004	51.580	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39551	48.645	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	163317	54.506	ug/l	98
94) Hexachlorobutadiene	13.78	225	84791	55.415	ug/l	99
95) Naphthalene	13.83	128	495455	50.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161585	53.201	ug/l	99

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

