

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009178.D
 Acq On : 26 Apr 2019 10:23
 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
 4/29/2019 11:25:00 AM

Quant Time: Apr 27 04:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125881	43.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.40%	
35) Dibromofluoromethane	5.49	113	93314	44.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.96%	
50) Toluene-d8	8.71	98	371036	44.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.68%	
62) 4-Bromofluorobenzene	11.13	95	137897	47.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	117435	49.312	ug/l	100
3) Chloromethane	1.32	50	140886	48.187	ug/l	100
4) Vinyl Chloride	1.41	62	136809	48.077	ug/l	100
5) Bromomethane	1.64	94	82574	46.621	ug/l	98
6) Chloroethane	1.72	64	81340	48.609	ug/l	96
7) Trichlorofluoromethane	1.93	101	160827	48.407	ug/l	98
8) Diethyl Ether	2.19	74	72685	47.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98118	46.189	ug/l	98
10) Methyl Iodide	2.51	142	109165	47.266	ug/l	99
11) Tert butyl alcohol	3.04	59	157070	242.843	ug/l	100
12) 1,1-Dichloroethene	2.37	96	98497	44.423	ug/l	96
13) Acrolein	2.29	56	135364	242.216	ug/l	99
14) Allyl chloride	2.73	41	240441	49.704	ug/l	99
15) Acrylonitrile	3.14	53	395713	241.012	ug/l	100
16) Acetone	2.44	43	391049	258.792	ug/l	98
17) Carbon Disulfide	2.57	76	291532	44.875	ug/l	99
18) Methyl Acetate	2.77	43	181637	48.164	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	384165	48.626	ug/l	98
20) Methylene Chloride	2.85	84	119143	46.106	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	108161	45.734	ug/l	96
22) Diisopropyl ether	3.85	45	462013	49.151	ug/l	94
23) Vinyl Acetate	3.81	43	2085847	252.435	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225937	47.882	ug/l	99
25) 2-Butanone	4.67	43	608246	251.828	ug/l	99
26) 2,2-Dichloropropane	4.58	77	173184	48.963	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	126780	47.216	ug/l	98
28) Bromochloromethane	5.01	49	90536	46.041	ug/l	99
29) Tetrahydrofuran	5.12	42	385738	238.608	ug/l	98
30) Chloroform	5.21	83	206033	48.795	ug/l	100
31) Cyclohexane	5.57	56	222338	47.907	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	169063	48.309	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160450	47.992	ug/l	100
37) Ethyl Acetate	4.83	43	220161	51.176	ug/l	99
38) Carbon Tetrachloride	5.78	117	143376	50.586	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	204547	50.250	ug/l	97
40) Benzene	6.14	78	486690	49.346	ug/l	100
41) Methacrylonitrile	5.04	41	126742	51.332	ug/l	100
42) 1,2-Dichloroethane	6.19	62	172627	49.410	ug/l	99
43) Isopropyl Acetate	6.44	43	349809	50.458	ug/l	100
44) Trichloroethene	7.21	130	115006	47.590	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137802	50.362	ug/l	99
46) Dibromomethane	7.66	93	78531	49.316	ug/l	99
47) Bromodichloromethane	7.90	83	160542	51.402	ug/l	99
48) Methyl methacrylate	7.77	41	177038	51.682	ug/l	98
49) 1,4-Dioxane	7.74	88	64805	1010.760	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1143653	258.941	ug/l	99
52) Toluene	8.78	92	295543	49.999	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188500	52.442	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	206247	51.244	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118153	50.435	ug/l	99
56) Ethyl methacrylate	9.18	69	217425	51.760	ug/l	98
57) 1,3-Dichloropropane	9.37	76	210278	50.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	601740	266.014	ug/l	100
59) 2-Hexanone	9.49	43	898080	263.742	ug/l	100
60) Dibromochloromethane	9.58	129	119251	53.112	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121472	50.239	ug/l	98
64) Tetrachloroethene	9.34	164	105349	47.396	ug/l	97
65) Chlorobenzene	10.13	112	303849	49.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	110532	50.805	ug/l	99
67) Ethyl Benzene	10.25	91	568863	50.389	ug/l	100
68) m/p-Xylenes	10.36	106	417436	101.742	ug/l	100
69) o-Xylene	10.69	106	202245	50.661	ug/l	99
70) Styrene	10.71	104	357969	51.744	ug/l	99
71) Bromoform	10.85	173	89537	51.657	ug/l #	98
73) Isopropylbenzene	11.02	105	549733	50.007	ug/l	100
74) N-amyl acetate	10.90	43	322039	51.020	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	194346	48.385	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	169433m	47.844	ug/l	
77) Bromobenzene	11.26	156	131407	47.377	ug/l	99
78) n-propylbenzene	11.36	91	643613	51.009	ug/l	100
79) 2-Chlorotoluene	11.42	91	377005	49.584	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	465048	50.412	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68392	49.580	ug/l	98
82) 4-Chlorotoluene	11.51	91	438829	49.695	ug/l	100
83) tert-Butylbenzene	11.77	119	442645	49.978	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	468503	49.892	ug/l	100
85) sec-Butylbenzene	11.94	105	539875	51.109	ug/l	99
86) p-Isopropyltoluene	12.06	119	495429	51.014	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	240939	49.632	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	240652	48.903	ug/l	100
89) n-Butylbenzene	12.38	91	467582	51.698	ug/l	99
90) Hexachloroethane	12.60	117	83180	51.924	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	241698	50.420	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46909	51.293	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	181751	52.523	ug/l	99
94) Hexachlorobutadiene	13.78	225	88974	51.553	ug/l	99
95) Naphthalene	13.83	128	577298	52.072	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	180428	52.845	ug/l	98

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

