

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103019\
 Data File : VX013277.D
 Acq On : 30 Oct 2019 10:38
 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
 10/31/2019 4:05:20 PM

Quant Time: Oct 31 01:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	96025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	98784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	70968	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	72737	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	56661	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	8.71	98	202756	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	83733	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	70157	49.127 ug/l	98
3) Chloromethane	1.32	50	52907	45.085 ug/l	95
4) Vinyl Chloride	1.40	62	57536	44.768 ug/l	98
5) Bromomethane	1.63	94	32477	47.676 ug/l	99
6) Chloroethane	1.71	64	36976	51.486 ug/l	100
7) Trichlorofluoromethane	1.92	101	109512	53.975 ug/l	97
8) Diethyl Ether	2.18	74	34065	48.975 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63970	50.933 ug/l	97
10) Methyl Iodide	2.50	142	77649	49.138 ug/l	98
11) Tert butyl alcohol	3.03	59	73378	228.406 ug/l	100
12) 1,1-Dichloroethene	2.36	96	57670	47.834 ug/l	98
13) Acrolein	2.28	56	36239	208.660 ug/l	96
14) Allyl chloride	2.72	41	88944	46.860 ug/l	96
15) Acrylonitrile	3.13	53	152637	233.937 ug/l	99
16) Acetone	2.43	43	184837	265.042 ug/l	100
17) Carbon Disulfide	2.56	76	144447	44.564 ug/l	98
18) Methyl Acetate	2.76	43	73993	48.618 ug/l	99
19) Methyl tert-butyl Ether	3.18	73	217203	51.159 ug/l	100
20) Methylene Chloride	2.84	84	66153	50.721 ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	63716	50.785 ug/l	90
22) Diisopropyl ether	3.84	45	181221	48.830 ug/l	92
23) Vinyl Acetate	3.80	43	783253	248.305 ug/l	99
24) 1,1-Dichloroethane	3.69	63	113068	49.532 ug/l	99
25) 2-Butanone	4.65	43	220726	236.003 ug/l	97
26) 2,2-Dichloropropane	4.56	77	112076	53.124 ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	73150	49.542 ug/l	99
28) Bromochloromethane	5.00	49	30340	51.545 ug/l	97
29) Tetrahydrofuran	5.11	42	124479	220.807 ug/l	98
30) Chloroform	5.19	83	126202	51.925 ug/l	99
31) Cyclohexane	5.56	56	93231	48.700 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	117708	54.469 ug/l	99
36) 1,1-Dichloropropene	5.78	75	90321	56.201 ug/l	99
37) Ethyl Acetate	4.81	43	79620	49.757 ug/l	99
38) Carbon Tetrachloride	5.77	117	103848	58.509 ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	107261	52.177	ug/l	99
40) Benzene	6.13	78	252819	52.417	ug/l	99
41) Methacrylonitrile	5.02	41	44338	51.681	ug/l	98
42) 1,2-Dichloroethane	6.18	62	103603	56.971	ug/l	99
43) Isopropyl Acetate	6.43	43	138778	52.235	ug/l	100
44) Trichloroethene	7.20	130	73508	53.699	ug/l	93
45) 1,2-Dichloropropane	7.50	63	61650	51.033	ug/l	98
46) Dibromomethane	7.65	93	47113	54.131	ug/l	99
47) Bromodichloromethane	7.89	83	99413	58.611	ug/l	97
48) Methyl methacrylate	7.76	41	68803	52.396	ug/l	99
49) 1,4-Dioxane	7.73	88	30485	912.156	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	407852	251.853	ug/l	99
52) Toluene	8.78	92	168551	52.731	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	106449	59.058	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	113566	57.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	68904	54.523	ug/l	97
56) Ethyl methacrylate	9.17	69	105807	55.628	ug/l	98
57) 1,3-Dichloropropane	9.36	76	112815	52.907	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	226123	304.680	ug/l	98
59) 2-Hexanone	9.48	43	324413	260.068	ug/l	99
60) Dibromochloromethane	9.57	129	79693	60.181	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73216	54.573	ug/l	100
64) Tetrachloroethene	9.33	164	72127	59.543	ug/l	97
65) Chlorobenzene	10.14	112	184230	53.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	72227	56.541	ug/l	100
67) Ethyl Benzene	10.25	91	335664	54.221	ug/l	100
68) m/p-Xylenes	10.35	106	250739	107.175	ug/l	99
69) o-Xylene	10.70	106	121262	54.032	ug/l	99
70) Styrene	10.71	104	209472	54.205	ug/l	97
71) Bromoform	10.85	173	57247	61.332	ug/l #	99
73) Isopropylbenzene	11.01	105	338444	52.516	ug/l	98
74) N-amyl acetate	10.89	43	118036	49.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	100618	51.419	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	98589m	57.639	ug/l	
77) Bromobenzene	11.25	156	81422	52.714	ug/l	95
78) n-propylbenzene	11.35	91	361132	51.588	ug/l	99
79) 2-Chlorotoluene	11.42	91	227908	51.527	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	281351	52.524	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34879	56.035	ug/l	98
82) 4-Chlorotoluene	11.51	91	252158	50.315	ug/l	97
83) tert-Butylbenzene	11.76	119	280716	52.968	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	297398	55.042	ug/l	99
85) sec-Butylbenzene	11.94	105	326100	54.070	ug/l	100
86) p-Isopropyltoluene	12.06	119	305093	53.847	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	145716	52.220	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	145146	51.089	ug/l	99
89) n-Butylbenzene	12.39	91	263172	56.780	ug/l	97
90) Hexachloroethane	12.59	117	53335	56.210	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	143046	52.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	25988	53.406	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	92767	53.690	ug/l	95
94) Hexachlorobutadiene	13.78	225	49117	54.954	ug/l	99
95) Naphthalene	13.83	128	292976	55.248	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	94533	55.368	ug/l	99

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

