

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103019\
 Data File : VX013290.D
 Acq On : 30 Oct 2019 17:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:05:39 PM

Quant Time: Oct 31 03:11:14 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	67312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	97398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	96990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	69098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	75697	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	5.49	113	59162	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
50) Toluene-d8	8.71	98	207015	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	79258	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	63222	46.548	ug/l	99
3) Chloromethane	1.32	50	50077	44.873	ug/l	98
4) Vinyl Chloride	1.40	62	73375	60.029	ug/l	96
5) Bromomethane	1.63	94	37201	57.420	ug/l	99
6) Chloroethane	1.71	64	53110	79.130	ug/l	99
7) Trichlorofluoromethane	1.92	101	138370	71.608	ug/l	97
8) Diethyl Ether	2.18	74	50336	76.090	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59429	49.751	ug/l	97
10) Methyl Iodide	2.50	142	73449	48.890	ug/l	99
11) Tert butyl alcohol	3.04	59	76176	249.408	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57556	50.195	ug/l	96
13) Acrolein	2.28	56	49335	298.675	ug/l	98
14) Allyl chloride	2.72	41	84370	46.737	ug/l	95
15) Acrylonitrile	3.13	53	155854	251.153	ug/l	98
16) Acetone	2.44	43	156262	235.592	ug/l	98
17) Carbon Disulfide	2.56	76	133300	43.241	ug/l	100
18) Methyl Acetate	2.76	43	80878	55.730	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	210887	52.226	ug/l	100
20) Methylene Chloride	2.84	84	64186	51.738	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	60590	50.777	ug/l	92
22) Diisopropyl ether	3.84	45	173006	49.014	ug/l	95
23) Vinyl Acetate	3.80	43	734411	244.796	ug/l	100
24) 1,1-Dichloroethane	3.69	63	109519	50.444	ug/l	98
25) 2-Butanone	4.66	43	213364	239.865	ug/l	97
26) 2,2-Dichloropropane	4.58	77	100668	50.171	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	70936	50.513	ug/l	98
28) Bromochloromethane	5.01	49	29349	52.425	ug/l	94
29) Tetrahydrofuran	5.12	42	129278	241.114	ug/l	98
30) Chloroform	5.20	83	122457	52.976	ug/l	98
31) Cyclohexane	5.57	56	87764	48.203	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	111700	54.347	ug/l	99
36) 1,1-Dichloropropene	5.79	75	84925	52.093	ug/l	99
37) Ethyl Acetate	4.82	43	81545	50.241	ug/l	99
38) Carbon Tetrachloride	5.78	117	97320	54.058	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98216	47.104	ug/l	98
40) Benzene	6.13	78	243934	49.862	ug/l	97
41) Methacrylonitrile	5.03	41	45087	51.814	ug/l	98
42) 1,2-Dichloroethane	6.19	62	100645	54.564	ug/l	99
43) Isopropyl Acetate	6.43	43	137586	51.056	ug/l	99
44) Trichloroethene	7.21	130	70079	50.472	ug/l	92
45) 1,2-Dichloropropane	7.51	63	60438	49.325	ug/l	97
46) Dibromomethane	7.65	93	45162	51.158	ug/l	99
47) Bromodichloromethane	7.89	83	93827	54.538	ug/l	100
48) Methyl methacrylate	7.76	41	68404	51.358	ug/l	99
49) 1,4-Dioxane	7.73	88	32044	945.287	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	421969	256.897	ug/l	100
52) Toluene	8.78	92	160810	49.600	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	99936	54.663	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	106457	53.229	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	66928	52.213	ug/l	98
56) Ethyl methacrylate	9.17	69	104350	54.089	ug/l	99
57) 1,3-Dichloropropane	9.37	76	111127	51.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	215653	286.476	ug/l	99
59) 2-Hexanone	9.49	43	324471	256.448	ug/l	99
60) Dibromochloromethane	9.58	129	75778	56.418	ug/l	99
61) 1,2-Dibromoethane	9.67	107	70625	51.900	ug/l	99
64) Tetrachloroethene	9.33	164	73872	62.198	ug/l	95
65) Chlorobenzene	10.14	112	177061	52.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	70095	55.887	ug/l	96
67) Ethyl Benzene	10.25	91	308456	50.748	ug/l	96
68) m/p-Xylenes	10.36	106	235562	102.550	ug/l	99
69) o-Xylene	10.70	106	114064	51.765	ug/l	99
70) Styrene	10.71	104	197684	52.101	ug/l	97
71) Bromoform	10.85	173	54645	59.627	ug/l	98
73) Isopropylbenzene	11.01	105	317538	50.606	ug/l	100
74) N-amyl acetate	10.89	43	116636	50.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	92454	48.526	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	81721m	49.070	ug/l	
77) Bromobenzene	11.25	156	75128	49.956	ug/l	97
78) n-propylbenzene	11.35	91	342345	50.227	ug/l	100
79) 2-Chlorotoluene	11.42	91	211888	49.202	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	263627	50.547	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	30565	50.433	ug/l	96
82) 4-Chlorotoluene	11.51	91	254038	52.062	ug/l	98
83) tert-Butylbenzene	11.77	119	256056	49.623	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	281045	53.423	ug/l	99
85) sec-Butylbenzene	11.94	105	287420	48.947	ug/l	99
86) p-Isopropyltoluene	12.06	119	278901	50.556	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	132998	48.953	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	134274	48.541	ug/l	99
89) n-Butylbenzene	12.39	91	242946	53.834	ug/l	99
90) Hexachloroethane	12.59	117	49422	53.496	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	150984	56.514	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	25658	54.155	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	85833	51.021	ug/l	96
94) Hexachlorobutadiene	13.78	225	44113	50.691	ug/l	96
95) Naphthalene	13.83	128	277754	53.795	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	91792	55.217	ug/l	98

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

