

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073119\
 Data File : VX011257.D
 Acq On : 31 Jul 2019 21:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMdadoda
 8/1/2019 12:01:11 PM

Quant Time: Aug 01 03:42:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	96829	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.50	113	86576	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	8.71	98	317214	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	123258	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81739	42.357	ug/l	98
3) Chloromethane	1.33	50	74850	44.886	ug/l	97
4) Vinyl Chloride	1.41	62	82196	48.325	ug/l	98
5) Bromomethane	1.64	94	44700	46.636	ug/l	99
6) Chloroethane	1.71	64	54734	50.637	ug/l	96
7) Trichlorofluoromethane	1.93	101	147715	51.304	ug/l	99
8) Diethyl Ether	2.19	74	51015	51.426	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80365	48.885	ug/l	99
10) Methyl Iodide	2.51	142	102446	47.488	ug/l	99
11) Tert butyl alcohol	3.05	59	110883	246.804	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77767	48.147	ug/l	97
13) Acrolein	2.29	56	79542	306.431	ug/l	99
14) Allyl chloride	2.73	41	114946	48.994	ug/l	98
15) Acrylonitrile	3.14	53	238535	262.748	ug/l	99
16) Acetone	2.45	43	200006	229.552	ug/l	97
17) Carbon Disulfide	2.57	76	161469	38.972	ug/l	100
18) Methyl Acetate	2.78	43	115819	58.378	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	275551	52.994	ug/l	98
20) Methylene Chloride	2.85	84	89776	48.621	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	81668	47.653	ug/l	98
22) Diisopropyl ether	3.85	45	259006	52.344	ug/l	98
23) Vinyl Acetate	3.82	43	1089613	259.893	ug/l	99
24) 1,1-Dichloroethane	3.70	63	145521	50.640	ug/l	99
25) 2-Butanone	4.67	43	326757	261.255	ug/l	98
26) 2,2-Dichloropropane	4.59	77	104769	44.403	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	99204	50.016	ug/l	97
28) Bromochloromethane	5.01	49	70858	52.326	ug/l	98
29) Tetrahydrofuran	5.13	42	207689	262.148	ug/l	100
30) Chloroform	5.21	83	162100	52.188	ug/l	100
31) Cyclohexane	5.58	56	121960	46.562	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	142425	53.000	ug/l	100
36) 1,1-Dichloropropene	5.80	75	108570	49.966	ug/l	99
37) Ethyl Acetate	4.83	43	120496	54.156	ug/l	99
38) Carbon Tetrachloride	5.79	117	121257	53.553	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133119	47.242	ug/l	99
40) Benzene	6.14	78	340975	51.228	ug/l	100
41) Methacrylonitrile	5.04	41	69346	54.903	ug/l	96
42) 1,2-Dichloroethane	6.20	62	125824	54.369	ug/l	98
43) Isopropyl Acetate	6.45	43	199383	54.498	ug/l	99
44) Trichloroethene	7.21	130	100043	50.778	ug/l	98
45) 1,2-Dichloropropane	7.51	63	88428	52.198	ug/l	98
46) Dibromomethane	7.66	93	66333	54.797	ug/l	96
47) Bromodichloromethane	7.90	83	119660	55.531	ug/l	98
48) Methyl methacrylate	7.77	41	97167	54.519	ug/l	98
49) 1,4-Dioxane	7.74	88	50594	1014.850	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	681936	287.544	ug/l	100
52) Toluene	8.79	92	227272	51.977	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	128433	55.431	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	136623	52.991	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	98725	54.836	ug/l	99
56) Ethyl methacrylate	9.18	69	147696	56.084	ug/l	98
57) 1,3-Dichloropropane	9.37	76	154008	53.923	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	354098	281.671	ug/l	99
59) 2-Hexanone	9.49	43	535148	290.929	ug/l	99
60) Dibromochloromethane	9.58	129	104826	50.562	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105585	55.261	ug/l	99
64) Tetrachloroethene	9.34	164	97756	50.218	ug/l	93
65) Chlorobenzene	10.13	112	260917	51.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98691	55.251	ug/l	99
67) Ethyl Benzene	10.25	91	453547	52.428	ug/l	99
68) m/p-Xylenes	10.36	106	347038	104.580	ug/l	99
69) o-Xylene	10.69	106	170503	52.647	ug/l	100
70) Styrene	10.71	104	299235	55.427	ug/l	99
71) Bromoform	10.85	173	79391	48.875	ug/l	99
73) Isopropylbenzene	11.02	105	472412	51.308	ug/l	99
74) N-amyl acetate	10.90	43	186936	53.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160944	53.414	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134666m	54.766	ug/l	
77) Bromobenzene	11.26	156	127223	50.094	ug/l	98
78) n-propylbenzene	11.36	91	523696	51.477	ug/l	100
79) 2-Chlorotoluene	11.42	91	316064	51.717	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	394529	51.280	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43371	45.110	ug/l	96
82) 4-Chlorotoluene	11.51	91	364123	51.191	ug/l	100
83) tert-Butylbenzene	11.77	119	393453	52.064	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	402591	51.917	ug/l	100
85) sec-Butylbenzene	11.94	105	466838	52.721	ug/l	99
86) p-Isopropyltoluene	12.06	119	431304	52.686	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227113	51.529	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	228384	50.524	ug/l	98
89) n-Butylbenzene	12.38	91	373646	53.350	ug/l	99
90) Hexachloroethane	12.59	117	67108	51.973	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	229100	52.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35110	55.744	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	155962	52.684	ug/l	98
94) Hexachlorobutadiene	13.78	225	76789	52.345	ug/l	98
95) Naphthalene	13.83	128	494877	56.612	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162418	55.141	ug/l	98

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

