

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX010995.D
 Acq On : 19 Jul 2019 12:21
 Operator : JC/SP
 Sample : VX0720WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:22:50 PM

Quant Time: Jul 20 01:21:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	225376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	118743	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.04%		
35) Dibromofluoromethane	5.51	113	107393	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.16%		
50) Toluene-d8	8.71	98	401395	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.82%		
62) 4-Bromofluorobenzene	11.13	95	145005	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.10%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	48269	20.412	ug/l	99
3) Chloromethane	1.33	50	40616	19.597	ug/l	96
4) Vinyl Chloride	1.41	62	43389	20.525	ug/l	98
5) Bromomethane	1.64	94	24026	20.168	ug/l	100
6) Chloroethane	1.73	64	26032	19.377	ug/l	99
7) Trichlorofluoromethane	1.93	101	73476	20.533	ug/l	96
8) Diethyl Ether	2.19	74	24072	19.524	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41613	20.366	ug/l	98
10) Methyl Iodide	2.51	142	38885	14.502	ug/l	99
11) Tert butyl alcohol	3.05	59	54430	97.476	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40143	19.997	ug/l	97
13) Acrolein	2.29	56	24553	76.105	ug/l	100
14) Allyl chloride	2.73	41	58587	20.092	ug/l	99
15) Acrylonitrile	3.15	53	113888	100.934	ug/l	99
16) Acetone	2.45	43	110849	102.363	ug/l	100
17) Carbon Disulfide	2.57	76	95260	18.499	ug/l	99
18) Methyl Acetate	2.78	43	50745	20.580	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	129760	20.079	ug/l	98
20) Methylene Chloride	2.86	84	45982	20.037	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42386	19.899	ug/l	100
22) Diisopropyl ether	3.86	45	123827	20.135	ug/l	92
23) Vinyl Acetate	3.82	43	534748	102.623	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71472	20.011	ug/l	99
25) 2-Butanone	4.68	43	161597	103.955	ug/l	98
26) 2,2-Dichloropropane	4.58	77	57231	19.516	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	49266	19.985	ug/l	98
28) Bromochloromethane	5.02	49	35161	20.891	ug/l	99
29) Tetrahydrofuran	5.13	42	99664	101.215	ug/l	99
30) Chloroform	5.21	83	76674	19.861	ug/l	97
31) Cyclohexane	5.59	56	64581	19.838	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	66565	19.930	ug/l	99
36) 1,1-Dichloropropene	5.81	75	55292	19.924	ug/l	99
37) Ethyl Acetate	4.84	43	58658	20.642	ug/l	97
38) Carbon Tetrachloride	5.79	117	56733	19.618	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69553	19.326	ug/l	98
40) Benzene	6.15	78	170085	20.008	ug/l	97
41) Methacrylonitrile	5.04	41	32075	19.883	ug/l	98
42) 1,2-Dichloroethane	6.20	62	58599	19.825	ug/l	100
43) Isopropyl Acetate	6.45	43	93916	20.099	ug/l	100
44) Trichloroethene	7.21	130	50481	20.061	ug/l	96
45) 1,2-Dichloropropane	7.51	63	42697	19.734	ug/l	98
46) Dibromomethane	7.66	93	30717	19.868	ug/l	99
47) Bromodichloromethane	7.90	83	54850	19.930	ug/l	97
48) Methyl methacrylate	7.77	41	44981	19.761	ug/l	99
49) 1,4-Dioxane	7.74	88	26056	409.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	313509	103.503	ug/l	99
52) Toluene	8.79	92	111405	19.949	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	56245	19.006	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	65778	19.976	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	46935	20.412	ug/l	95
56) Ethyl methacrylate	9.18	69	68807	20.457	ug/l	98
57) 1,3-Dichloropropane	9.37	76	72791	19.955	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	171313	106.697	ug/l	99
59) 2-Hexanone	9.49	43	247217	105.228	ug/l	100
60) Dibromochloromethane	9.58	129	46331	19.150	ug/l	99
61) 1,2-Dibromoethane	9.67	107	49755	20.389	ug/l	99
64) Tetrachloroethene	9.34	164	47340	19.675	ug/l	94
65) Chlorobenzene	10.13	112	125400	19.962	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	44486	20.150	ug/l	99
67) Ethyl Benzene	10.25	91	216085	20.209	ug/l	99
68) m/p-Xylenes	10.36	106	165599	40.375	ug/l	99
69) o-Xylene	10.69	106	80669	20.153	ug/l	99
70) Styrene	10.71	104	133920	20.069	ug/l	98
71) Bromoform	10.85	173	33306	18.273	ug/l #	100
73) Isopropylbenzene	11.02	105	216944	20.049	ug/l	99
74) N-amyl acetate	10.90	43	82585	19.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71224	20.114	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59996m	20.762	ug/l	
77) Bromobenzene	11.26	156	57740	19.346	ug/l	98
78) n-propylbenzene	11.36	91	243142	20.337	ug/l	98
79) 2-Chlorotoluene	11.42	91	143059	19.919	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180222	19.933	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18690	19.062	ug/l	93
82) 4-Chlorotoluene	11.51	91	167060	19.985	ug/l	100
83) tert-Butylbenzene	11.77	119	178501	20.099	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	182284	20.003	ug/l	100
85) sec-Butylbenzene	11.94	105	209478	20.130	ug/l	99
86) p-Isopropyltoluene	12.06	119	194717	20.240	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	103026	19.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102290	19.256	ug/l	97
89) n-Butylbenzene	12.38	91	164554	19.993	ug/l	100
90) Hexachloroethane	12.59	117	27947	18.417	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	104475	20.352	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15223	20.566	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69708	20.037	ug/l	100
94) Hexachlorobutadiene	13.78	225	33737	19.569	ug/l	97
95) Naphthalene	13.83	128	213886	20.820	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	70029	20.231	ug/l	100

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

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