

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010799.D
 Acq On : 11 Jul 2019 12:06
 Operator : JC/SP
 Sample : VX0711WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 12:22:02 PM

Quant Time: Jul 12 07:10:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158981	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	95031	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	
35) Dibromofluoromethane	5.50	113	90338	42.91	ug/l	0.00
Spiked Amount			Recovery	=	85.82%	
50) Toluene-d8	8.71	98	331420	41.15	ug/l	0.00
Spiked Amount			Recovery	=	82.30%	
62) 4-Bromofluorobenzene	11.13	95	120277	41.36	ug/l	0.00
Spiked Amount			Recovery	=	82.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	32180	20.450	ug/l	98
3) Chloromethane	1.33	50	34600	18.883	ug/l	96
4) Vinyl Chloride	1.41	62	37949	18.909	ug/l	97
5) Bromomethane	1.64	94	23203	23.731	ug/l	99
6) Chloroethane	1.72	64	25129	21.223	ug/l	99
7) Trichlorofluoromethane	1.93	101	64808	20.370	ug/l	98
8) Diethyl Ether	2.19	74	23036	20.191	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36570	18.968	ug/l	98
10) Methyl Iodide	2.51	142	45689	16.605	ug/l	98
11) Tert butyl alcohol	3.04	59	47994	86.429	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36831	18.774	ug/l	98
13) Acrolein	2.29	56	24877	67.532	ug/l	97
14) Allyl chloride	2.73	41	51789	18.594	ug/l	98
15) Acrylonitrile	3.14	53	106028	96.439	ug/l	99
16) Acetone	2.45	43	89983	84.606	ug/l	98
17) Carbon Disulfide	2.57	76	83691	15.901	ug/l	100
18) Methyl Acetate	2.78	43	41417	19.539	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	116760	18.918	ug/l	100
20) Methylene Chloride	2.85	84	42188	19.275	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	38161	18.086	ug/l	98
22) Diisopropyl ether	3.86	45	112178	19.263	ug/l	89
23) Vinyl Acetate	3.82	43	483844	96.177	ug/l	100
24) 1,1-Dichloroethane	3.70	63	65470	19.450	ug/l	99
25) 2-Butanone	4.67	43	143799	92.173	ug/l	98
26) 2,2-Dichloropropane	4.58	77	48309	16.521	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	45280	18.571	ug/l	99
28) Bromochloromethane	5.01	49	27960	17.373	ug/l	96
29) Tetrahydrofuran	5.13	42	91401	94.585	ug/l	99
30) Chloroform	5.21	83	69536	19.200	ug/l	98
31) Cyclohexane	5.58	56	57259	18.680	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	58938	18.430	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49403	18.068	ug/l	98
37) Ethyl Acetate	4.83	43	53495	19.018	ug/l	99
38) Carbon Tetrachloride	5.79	117	51401	17.360	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62032	17.259	ug/l	93
40) Benzene	6.14	78	158262	18.578	ug/l	100
41) Methacrylonitrile	5.04	41	28307	18.341	ug/l	97
42) 1,2-Dichloroethane	6.20	62	52338	20.184	ug/l	99
43) Isopropyl Acetate	6.45	43	84307	18.115	ug/l	98
44) Trichloroethene	7.21	130	46100	18.086	ug/l	98
45) 1,2-Dichloropropane	7.51	63	40328	18.747	ug/l	100
46) Dibromomethane	7.66	93	28096	18.204	ug/l	97
47) Bromodichloromethane	7.90	83	48821	17.260	ug/l	99
48) Methyl methacrylate	7.77	41	40667	18.799	ug/l	96
49) 1,4-Dioxane	7.74	88	22398	359.421	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	285356	95.870	ug/l	98
52) Toluene	8.78	92	102142	18.208	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50040	15.780	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	58209	16.891	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42061	18.180	ug/l	97
56) Ethyl methacrylate	9.18	69	62309	17.778	ug/l	96
57) 1,3-Dichloropropane	9.37	76	67211	18.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	137303	82.487	ug/l	100
59) 2-Hexanone	9.49	43	220144	93.974	ug/l	97
60) Dibromochloromethane	9.58	129	42000	16.213	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45850	18.360	ug/l	98
64) Tetrachloroethene	9.34	164	46026	18.074	ug/l	99
65) Chlorobenzene	10.13	112	115784	18.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	41409	17.785	ug/l	98
67) Ethyl Benzene	10.25	91	197903	18.339	ug/l	98
68) m/p-Xylenes	10.36	106	151257	36.175	ug/l	99
69) o-Xylene	10.69	106	73989	17.994	ug/l	99
70) Styrene	10.71	104	126038	18.277	ug/l	99
71) Bromoform	10.85	173	30130	14.881	ug/l #	99
73) Isopropylbenzene	11.02	105	198886	18.455	ug/l	98
74) N-amyl acetate	10.90	43	74515	18.296	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	66283	18.572	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53447m	18.449	ug/l	
77) Bromobenzene	11.26	156	53290	17.709	ug/l	98
78) n-propylbenzene	11.36	91	217800	18.389	ug/l	99
79) 2-Chlorotoluene	11.42	91	129988	18.430	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	164268	18.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16862	13.578	ug/l #	84
82) 4-Chlorotoluene	11.51	91	148129	18.457	ug/l	99
83) tert-Butylbenzene	11.77	119	159072	17.839	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	164077	18.382	ug/l	98
85) sec-Butylbenzene	11.94	105	192199	18.357	ug/l	98
86) p-Isopropyltoluene	12.06	119	178154	18.396	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	94433	17.978	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94961	17.758	ug/l	98
89) n-Butylbenzene	12.38	91	145694	17.704	ug/l	99
90) Hexachloroethane	12.59	117	24542	14.656	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	95680	18.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12381	16.090	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62839	17.357	ug/l	99
94) Hexachlorobutadiene	13.78	225	29830	16.859	ug/l	99
95) Naphthalene	13.83	128	186684	16.779	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63089	17.527	ug/l	99

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

