

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011218.D
 Acq On : 31 Jul 2019 01:04
 Operator : JC/SP
 Sample : VX0730WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:56:02 AM

Quant Time: Jul 31 09:33:56 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	5.66	168	182623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104466	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	5.49	113	92585	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
50) Toluene-d8	8.71	98	341770	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.13	95	128037	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	34297	17.966	ug/l 98
3) Chloromethane	1.33	50	30950	18.429	ug/l 99
4) Vinyl Chloride	1.41	62	33518	19.567	ug/l 98
5) Bromomethane	1.64	94	19750	20.460	ug/l 94
6) Chloroethane	1.72	64	23873	21.930	ug/l 92
7) Trichlorofluoromethane	1.93	101	59482	20.514	ug/l 100
8) Diethyl Ether	2.19	74	20180	20.199	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32593	19.686	ug/l 98
10) Methyl Iodide	2.51	142	34624	15.936	ug/l 99
11) Tert butyl alcohol	3.04	59	52785	116.660	ug/l 98
12) 1,1-Dichloroethene	2.37	96	31661	19.464	ug/l 95
13) Acrolein	2.29	56	15208	58.175	ug/l 98
14) Allyl chloride	2.73	41	44557	18.858	ug/l 100
15) Acrylonitrile	3.14	53	96171	105.186	ug/l 99
16) Acetone	2.45	43	81975	93.421	ug/l 98
17) Carbon Disulfide	2.57	76	64305	15.411	ug/l 100
18) Methyl Acetate	2.78	43	46708	23.377	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	108140	20.651	ug/l 99
20) Methylene Chloride	2.85	84	35833	19.270	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	32811	19.010	ug/l 92
22) Diisopropyl ether	3.85	45	102195	20.507	ug/l 99
23) Vinyl Acetate	3.81	43	416126	98.554	ug/l 98
24) 1,1-Dichloroethane	3.70	63	58502	20.214	ug/l 97
25) 2-Butanone	4.67	43	130944	103.956	ug/l 98
26) 2,2-Dichloropropane	4.58	77	32725	13.772	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	38896	19.472	ug/l 96
28) Bromochloromethane	5.01	49	26546	19.465	ug/l 97
29) Tetrahydrofuran	5.13	42	83660	104.852	ug/l 100
30) Chloroform	5.21	83	64199	20.523	ug/l 98
31) Cyclohexane	5.58	56	49171	18.640	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	54778	20.241	ug/l 99
36) 1,1-Dichloropropene	5.80	75	43911	19.759	ug/l 99
37) Ethyl Acetate	4.83	43	46535	20.450	ug/l 96
38) Carbon Tetrachloride	5.79	117	46672	20.154	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51872	17.999	ug/l	98
40) Benzene	6.15	78	138560	20.354	ug/l	96
41) Methacrylonitrile	5.04	41	27162	21.026	ug/l	97
42) 1,2-Dichloroethane	6.20	62	50445	21.312	ug/l	99
43) Isopropyl Acetate	6.44	43	76923	20.558	ug/l	99
44) Trichloroethene	7.21	130	39828	19.765	ug/l	99
45) 1,2-Dichloropropane	7.51	63	36052	20.808	ug/l	99
46) Dibromomethane	7.66	93	25482	20.582	ug/l	99
47) Bromodichloromethane	7.90	83	44713	20.288	ug/l	97
48) Methyl methacrylate	7.77	41	37983	20.838	ug/l	96
49) 1,4-Dioxane	7.74	88	22708	445.358	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	265437	109.433	ug/l	100
52) Toluene	8.78	92	89127	19.930	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	43741	18.458	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	49917	18.930	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	38443	20.878	ug/l	100
56) Ethyl methacrylate	9.18	69	56302	20.903	ug/l	99
57) 1,3-Dichloropropane	9.37	76	60445	20.693	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	133331	103.700	ug/l	99
59) 2-Hexanone	9.49	43	205398	109.178	ug/l	99
60) Dibromochloromethane	9.58	129	38151	19.621	ug/l	100
61) 1,2-Dibromoethane	9.67	107	40387	20.667	ug/l	99
64) Tetrachloroethene	9.34	164	40608	20.634	ug/l	95
65) Chlorobenzene	10.13	112	102700	19.987	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36791	20.373	ug/l	99
67) Ethyl Benzene	10.25	91	174408	19.941	ug/l	99
68) m/p-Xylenes	10.35	106	133661	39.841	ug/l	100
69) o-Xylene	10.69	106	64872	19.813	ug/l	98
70) Styrene	10.71	104	110585	20.261	ug/l	99
71) Bromoform	10.85	173	27032	18.151	ug/l #	99
73) Isopropylbenzene	11.02	105	178761	20.405	ug/l	99
74) N-amyl acetate	10.90	43	67861	20.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61830	21.567	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	50620m	21.636	ug/l	
77) Bromobenzene	11.25	156	48239	19.963	ug/l	99
78) n-propylbenzene	11.36	91	196993	20.351	ug/l	100
79) 2-Chlorotoluene	11.42	91	119259	20.510	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	151082	20.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13176	17.112	ug/l	90
82) 4-Chlorotoluene	11.51	91	138681	20.492	ug/l	100
83) tert-Butylbenzene	11.77	119	147853	20.563	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	151622	20.550	ug/l	99
85) sec-Butylbenzene	11.94	105	173669	20.613	ug/l	100
86) p-Isopropyltoluene	12.06	119	159525	20.481	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	85104	20.294	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86640	20.145	ug/l	98
89) n-Butylbenzene	12.38	91	133904	20.095	ug/l	100
90) Hexachloroethane	12.60	117	23078	18.785	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	87589	21.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12824	21.399	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59104	20.984	ug/l	99
94) Hexachlorobutadiene	13.78	225	27894	19.985	ug/l	99
95) Naphthalene	13.83	128	184669	22.203	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	60212	21.485	ug/l	99

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

