

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072519\
 Data File : VX011075.D
 Acq On : 25 Jul 2019 14:06
 Operator : JC/SP
 Sample : VX0725WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 9:49:31 AM

Quant Time: Jul 26 02:21:01 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	196020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105302	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.50	113	93218	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	350414	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	129698	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	38179	18.613	ug/l	98
3) Chloromethane	1.33	50	32893	18.248	ug/l	97
4) Vinyl Chloride	1.41	62	35506	19.311	ug/l	98
5) Bromomethane	1.64	94	21882	21.119	ug/l	98
6) Chloroethane	1.72	64	24853	21.270	ug/l	93
7) Trichlorofluoromethane	1.93	101	61404	19.729	ug/l	97
8) Diethyl Ether	2.19	74	20946	19.533	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35077	19.739	ug/l	98
10) Methyl Iodide	2.51	142	40915	17.545	ug/l	99
11) Tert butyl alcohol	3.04	59	47668	98.151	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33593	19.240	ug/l	96
13) Acrolein	2.29	56	18777	66.918	ug/l	94
14) Allyl chloride	2.73	41	48639	19.178	ug/l	99
15) Acrylonitrile	3.14	53	95597	97.412	ug/l	99
16) Acetone	2.45	43	84015	89.202	ug/l	97
17) Carbon Disulfide	2.57	76	73312	16.369	ug/l	100
18) Methyl Acetate	2.78	43	45299	21.122	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	110766	19.707	ug/l	100
20) Methylene Chloride	2.85	84	38435	19.256	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	34403	18.570	ug/l	100
22) Diisopropyl ether	3.86	45	106489	19.909	ug/l	91
23) Vinyl Acetate	3.81	43	445436	98.286	ug/l	98
24) 1,1-Dichloroethane	3.70	63	60103	19.348	ug/l	98
25) 2-Butanone	4.67	43	131968	97.609	ug/l	97
26) 2,2-Dichloropropane	4.59	77	45678	17.909	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	41032	19.138	ug/l	100
28) Bromochloromethane	5.02	49	28303	19.335	ug/l	96
29) Tetrahydrofuran	5.13	42	83066	96.993	ug/l	99
30) Chloroform	5.21	83	65300	19.448	ug/l	98
31) Cyclohexane	5.58	56	51894	18.328	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	56208	19.349	ug/l	100
36) 1,1-Dichloropropene	5.80	75	46474	19.341	ug/l	99
37) Ethyl Acetate	4.83	43	48357	19.654	ug/l	96
38) Carbon Tetrachloride	5.79	117	47552	18.991	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	57487	18.449	ug/l	97
40) Benzene	6.14	78	143661	19.518	ug/l	99
41) Methacrylonitrile	5.04	41	25057	17.940	ug/l	96
42) 1,2-Dichloroethane	6.19	62	51157	19.989	ug/l	99
43) Isopropyl Acetate	6.45	43	77587	19.178	ug/l	99
44) Trichloroethene	7.21	130	42146	19.344	ug/l	95
45) 1,2-Dichloropropane	7.51	63	37442	19.986	ug/l	95
46) Dibromomethane	7.66	93	26824	20.038	ug/l	97
47) Bromodichloromethane	7.90	83	46171	19.376	ug/l	98
48) Methyl methacrylate	7.77	41	37607	19.081	ug/l	98
49) 1,4-Dioxane	7.74	88	22021	399.438	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	264486	100.849	ug/l	100
52) Toluene	8.78	92	92505	19.131	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47194	18.419	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	54314	19.050	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	39085	19.632	ug/l	98
56) Ethyl methacrylate	9.18	69	58128	19.960	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61318	19.415	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	143808	103.445	ug/l	98
59) 2-Hexanone	9.49	43	205304	100.930	ug/l	99
60) Dibromochloromethane	9.58	129	39535	18.910	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41108	19.456	ug/l	99
64) Tetrachloroethene	9.34	164	41738	19.812	ug/l	98
65) Chlorobenzene	10.13	112	105647	19.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	37867	19.589	ug/l	98
67) Ethyl Benzene	10.25	91	181214	19.356	ug/l	98
68) m/p-Xylenes	10.36	106	141094	39.288	ug/l	98
69) o-Xylene	10.69	106	68687	19.597	ug/l	100
70) Styrene	10.71	104	115448	19.759	ug/l	99
71) Bromoform	10.85	173	28196	17.752	ug/l #	99
73) Isopropylbenzene	11.02	105	184597	19.824	ug/l	100
74) N-amyl acetate	10.90	43	69183	19.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60485	19.848	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	51484m	20.702	ug/l	
77) Bromobenzene	11.26	156	50699	19.738	ug/l	99
78) n-propylbenzene	11.36	91	203179	19.747	ug/l	99
79) 2-Chlorotoluene	11.42	91	122970	19.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	154842	19.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15066	18.107	ug/l	90
82) 4-Chlorotoluene	11.51	91	141537	19.675	ug/l	100
83) tert-Butylbenzene	11.77	119	152930	20.009	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	154909	19.752	ug/l	99
85) sec-Butylbenzene	11.94	105	181539	20.271	ug/l	99
86) p-Isopropyltoluene	12.06	119	165374	19.974	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89394	20.055	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	87594	19.160	ug/l	98
89) n-Butylbenzene	12.38	91	138460	19.547	ug/l	100
90) Hexachloroethane	12.60	117	23653	18.113	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	89357	20.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13073	20.523	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58936	19.685	ug/l	99
94) Hexachlorobutadiene	13.78	225	30232	20.377	ug/l	96
95) Naphthalene	13.83	128	172986	19.566	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61468	20.634	ug/l	98

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

