

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011256.D
 Acq On : 31 Jul 2019 20:23
 Operator : JC/SP
 Sample : VX0731WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Manual Integrations
 APPROVED

MMdadoda
 8/1/2019 11:20:05 AM

Quant Time: Aug 01 03:41:36 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	185052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	101491	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	5.49	113	89995	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	8.71	98	328954	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	122763	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33133	17.154	ug/l	98
3) Chloromethane	1.33	50	29733	17.472	ug/l	100
4) Vinyl Chloride	1.41	62	32972	18.996	ug/l	98
5) Bromomethane	1.64	94	20259	20.712	ug/l	98
6) Chloroethane	1.72	64	21733	19.702	ug/l	95
7) Trichlorofluoromethane	1.93	101	59224	20.156	ug/l	95
8) Diethyl Ether	2.19	74	20489	20.239	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32132	19.153	ug/l	98
10) Methyl Iodide	2.51	142	36223	16.453	ug/l	98
11) Tert butyl alcohol	3.04	59	45012	98.175	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31121	18.881	ug/l	97
13) Acrolein	2.29	56	25627	96.743	ug/l	100
14) Allyl chloride	2.73	41	43822	18.303	ug/l	98
15) Acrylonitrile	3.14	53	92850	100.221	ug/l	98
16) Acetone	2.44	43	79725	89.665	ug/l	97
17) Carbon Disulfide	2.57	76	60243	14.248	ug/l	99
18) Methyl Acetate	2.78	43	45694	22.569	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	106402	20.052	ug/l	99
20) Methylene Chloride	2.86	84	35671	18.931	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31378	17.941	ug/l	97
22) Diisopropyl ether	3.86	45	101668	20.134	ug/l	91
23) Vinyl Acetate	3.81	43	416926	97.447	ug/l	100
24) 1,1-Dichloroethane	3.70	63	57902	19.745	ug/l	99
25) 2-Butanone	4.67	43	128072	100.342	ug/l	96
26) 2,2-Dichloropropane	4.59	77	41736	17.333	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	39244	19.388	ug/l	98
28) Bromochloromethane	5.01	49	27779	20.102	ug/l	98
29) Tetrahydrofuran	5.13	42	81780	101.151	ug/l	100
30) Chloroform	5.21	83	62872	19.835	ug/l	95
31) Cyclohexane	5.58	56	47231	17.670	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	53538	19.523	ug/l	99
36) 1,1-Dichloropropene	5.80	75	42837	19.093	ug/l	98
37) Ethyl Acetate	4.84	43	46759	20.353	ug/l	97
38) Carbon Tetrachloride	5.79	117	45385	19.413	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52198	17.940	ug/l	97
40) Benzene	6.14	78	134690	19.598	ug/l	97
41) Methacrylonitrile	5.05	41	27170	20.833	ug/l	96
42) 1,2-Dichloroethane	6.19	62	49597	20.756	ug/l	99
43) Isopropyl Acetate	6.45	43	76450	20.238	ug/l	99
44) Trichloroethene	7.21	130	38354	18.854	ug/l	96
45) 1,2-Dichloropropane	7.51	63	34942	19.976	ug/l	97
46) Dibromomethane	7.66	93	25053	20.044	ug/l	100
47) Bromodichloromethane	7.90	83	44744	20.110	ug/l	98
48) Methyl methacrylate	7.77	41	36675	19.929	ug/l	97
49) 1,4-Dioxane	7.74	88	20355	395.426	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	260052	106.197	ug/l	98
52) Toluene	8.78	92	87731	19.432	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44972	18.798	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	50837	19.096	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	37498	20.172	ug/l	99
56) Ethyl methacrylate	9.18	69	54861	20.175	ug/l	97
57) 1,3-Dichloropropane	9.37	76	60058	20.366	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	135757	104.586	ug/l	99
59) 2-Hexanone	9.49	43	203073	106.919	ug/l	99
60) Dibromochloromethane	9.58	129	36394	18.679	ug/l	98
61) 1,2-Dibromoethane	9.67	107	40201	20.377	ug/l	99
64) Tetrachloroethene	9.34	164	40018	20.295	ug/l	99
65) Chlorobenzene	10.13	112	102055	19.823	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	35855	19.816	ug/l	99
67) Ethyl Benzene	10.25	91	171449	19.565	ug/l	100
68) m/p-Xylenes	10.36	106	131880	39.234	ug/l	99
69) o-Xylene	10.69	106	64385	19.626	ug/l	98
70) Styrene	10.71	104	109733	20.066	ug/l	99
71) Bromoform	10.85	173	26335	17.720	ug/l #	98
73) Isopropylbenzene	11.02	105	176098	19.937	ug/l	100
74) N-amyl acetate	10.90	43	66922	19.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59808	20.690	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49204m	20.858	ug/l	
77) Bromobenzene	11.25	156	47986	19.695	ug/l	99
78) n-propylbenzene	11.36	91	193366	19.813	ug/l	100
79) 2-Chlorotoluene	11.42	91	115534	19.706	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	145719	19.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13511	17.336	ug/l	88
82) 4-Chlorotoluene	11.51	91	134145	19.659	ug/l	100
83) tert-Butylbenzene	11.77	119	143353	19.773	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	147884	19.879	ug/l	99
85) sec-Butylbenzene	11.94	105	170963	20.125	ug/l	99
86) p-Isopropyltoluene	12.06	119	158004	20.119	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	84548	19.996	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	84413	19.466	ug/l	97
89) n-Butylbenzene	12.38	91	134079	19.956	ug/l	99
90) Hexachloroethane	12.59	117	22564	18.216	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	85489	20.401	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12540	20.754	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	58200	20.493	ug/l	98
94) Hexachlorobutadiene	13.78	225	28177	20.022	ug/l	100
95) Naphthalene	13.83	128	186873	22.284	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61056	21.607	ug/l	99

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

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