

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010070.D
 Acq On : 05 Jun 2019 12:34
 Operator : JC/SP
 Sample : VX0605WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 9:32:12 AM

Quant Time: Jun 06 06:43:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	163069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106827	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.50	113	78816	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	321904	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	116696	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43132	21.645	ug/l	98
3) Chloromethane	1.33	50	47957	17.902	ug/l	99
4) Vinyl Chloride	1.41	62	44431	18.398	ug/l	98
5) Bromomethane	1.64	94	25037	17.112	ug/l	97
6) Chloroethane	1.72	64	28188	18.962	ug/l	99
7) Trichlorofluoromethane	1.93	101	51895	19.446	ug/l	100
8) Diethyl Ether	2.19	74	22466	17.915	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31770	19.719	ug/l	99
10) Methyl Iodide	2.51	142	32689	19.516	ug/l	99
11) Tert butyl alcohol	3.05	59	53758	94.830	ug/l	98
12) 1,1-Dichloroethene	2.37	96	31803	19.258	ug/l	99
13) Acrolein	2.29	56	32560	95.289	ug/l	98
14) Allyl chloride	2.73	41	76073	18.953	ug/l	98
15) Acrylonitrile	3.14	53	125775	92.082	ug/l	99
16) Acetone	2.45	43	122625	92.137	ug/l	98
17) Carbon Disulfide	2.57	76	96557	19.545	ug/l	100
18) Methyl Acetate	2.78	43	57310	18.506	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	121078	19.419	ug/l	98
20) Methylene Chloride	2.86	84	38533	18.906	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	34691	18.879	ug/l	98
22) Diisopropyl ether	3.85	45	146395	19.169	ug/l	95
23) Vinyl Acetate	3.82	43	655551	95.550	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71401	19.292	ug/l	99
25) 2-Butanone	4.68	43	193018	93.087	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53173	18.992	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40164	18.935	ug/l	97
28) Bromochloromethane	5.02	49	33899	17.650	ug/l	98
29) Tetrahydrofuran	5.13	42	122971	92.482	ug/l	98
30) Chloroform	5.21	83	65549	19.638	ug/l	95
31) Cyclohexane	5.58	56	70907	20.228	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	54745	20.139	ug/l	99
36) 1,1-Dichloropropene	5.80	75	50153	19.222	ug/l	99
37) Ethyl Acetate	4.84	43	69705	19.173	ug/l	99
38) Carbon Tetrachloride	5.79	117	45779	20.304	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61912	20.004	ug/l	98
40) Benzene	6.15	78	155777	20.126	ug/l	99
41) Methacrylonitrile	5.04	41	38668	18.202	ug/l	95
42) 1,2-Dichloroethane	6.19	62	56200	19.640	ug/l	99
43) Isopropyl Acetate	6.45	43	112201	19.127	ug/l	99
44) Trichloroethene	7.21	130	37260	19.818	ug/l	97
45) 1,2-Dichloropropane	7.51	63	43868	19.689	ug/l	97
46) Dibromomethane	7.66	93	24892	18.979	ug/l	98
47) Bromodichloromethane	7.90	83	49314	19.773	ug/l	97
48) Methyl methacrylate	7.77	41	55893	19.247	ug/l	98
49) 1,4-Dioxane	7.74	88	21938	406.134	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	369603	96.855	ug/l	99
52) Toluene	8.79	92	94763	20.164	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57480	19.217	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	63656	19.533	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38083	20.134	ug/l	98
56) Ethyl methacrylate	9.18	69	68581	20.366	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66361	19.536	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	170074	96.316	ug/l	100
59) 2-Hexanone	9.49	43	293865	100.023	ug/l	99
60) Dibromochloromethane	9.58	129	36820	19.789	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39250	20.198	ug/l	99
64) Tetrachloroethene	9.34	164	35220	21.521	ug/l	99
65) Chlorobenzene	10.14	112	100276	20.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34913	20.522	ug/l	99
67) Ethyl Benzene	10.25	91	178924	20.316	ug/l	99
68) m/p-Xylenes	10.36	106	133388	40.997	ug/l	99
69) o-Xylene	10.69	106	64510	20.674	ug/l	100
70) Styrene	10.71	104	112353	20.534	ug/l	100
71) Bromoform	10.85	173	28438	20.450	ug/l #	99
73) Isopropylbenzene	11.02	105	173625	20.623	ug/l	100
74) N-amyl acetate	10.90	43	99759	19.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62313	19.839	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54017m	19.796	ug/l	
77) Bromobenzene	11.26	156	43277	20.170	ug/l	96
78) n-propylbenzene	11.36	91	198727	20.478	ug/l	99
79) 2-Chlorotoluene	11.42	91	119152	20.096	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145497	20.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20529	18.614	ug/l	95
82) 4-Chlorotoluene	11.51	91	135823	19.678	ug/l	99
83) tert-Butylbenzene	11.77	119	138642	20.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	147976	20.543	ug/l	100
85) sec-Butylbenzene	11.94	105	166167	20.584	ug/l	100
86) p-Isopropyltoluene	12.06	119	152420	20.991	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76620	20.058	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77198	19.817	ug/l	99
89) n-Butylbenzene	12.38	91	135340	19.833	ug/l	99
90) Hexachloroethane	12.60	117	24909	19.989	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	76683	20.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13709	18.542	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	55784	20.727	ug/l	99
94) Hexachlorobutadiene	13.78	225	25950	19.224	ug/l	100
95) Naphthalene	13.83	128	172512	20.598	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54776	20.333	ug/l	99

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

