

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009751.D
 Acq On : 21 May 2019 16:34
 Operator : JC/SP
 Sample : VX0521WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS03

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 9:40:48 AM

Quant Time: May 22 07:55:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118077	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	5.50	113	84671	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.71	98	345757	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	122754	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27959	17.817	ug/l	98
3) Chloromethane	1.32	50	42630	19.898	ug/l	99
4) Vinyl Chloride	1.41	62	40377	19.327	ug/l	98
5) Bromomethane	1.64	94	25420	20.272	ug/l	99
6) Chloroethane	1.72	64	25868	19.286	ug/l	98
7) Trichlorofluoromethane	1.93	101	49888	19.645	ug/l	100
8) Diethyl Ether	2.19	74	22419	18.638	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30021	18.826	ug/l	99
10) Methyl Iodide	2.51	142	32790	20.665	ug/l	98
11) Tert butyl alcohol	3.04	59	50451	93.758	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30669	19.195	ug/l	97
13) Acrolein	2.29	56	35879	73.625	ug/l	99
14) Allyl chloride	2.73	41	72323	18.574	ug/l	98
15) Acrylonitrile	3.14	53	126582	96.209	ug/l	100
16) Acetone	2.45	43	127450	102.103	ug/l	97
17) Carbon Disulfide	2.57	76	88395	19.705	ug/l	99
18) Methyl Acetate	2.78	43	53526	18.031	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	116442	18.767	ug/l	99
20) Methylene Chloride	2.86	84	37481	18.545	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32744	18.896	ug/l	92
22) Diisopropyl ether	3.85	45	143922	19.220	ug/l	94
23) Vinyl Acetate	3.81	43	649856	101.345	ug/l	98
24) 1,1-Dichloroethane	3.70	63	69296	18.759	ug/l	98
25) 2-Butanone	4.67	43	194426	100.233	ug/l	99
26) 2,2-Dichloropropane	4.59	77	52489	19.089	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	38587	18.656	ug/l	98
28) Bromochloromethane	5.01	49	34531	21.668	ug/l	97
29) Tetrahydrofuran	5.13	42	126311	101.194	ug/l	97
30) Chloroform	5.21	83	62405	18.678	ug/l	99
31) Cyclohexane	5.58	56	66199	19.262	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	52146	18.749	ug/l	99
36) 1,1-Dichloropropene	5.80	75	48537	19.594	ug/l	100
37) Ethyl Acetate	4.83	43	69783	20.219	ug/l	99
38) Carbon Tetrachloride	5.78	117	43978	19.540	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59892	19.687	ug/l	99
40) Benzene	6.14	78	150524	19.634	ug/l	99
41) Methacrylonitrile	5.05	41	40042	19.490	ug/l	98
42) 1,2-Dichloroethane	6.20	62	55436	20.158	ug/l	100
43) Isopropyl Acetate	6.45	43	109440	19.824	ug/l	99
44) Trichloroethene	7.21	130	34848	18.803	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42668	19.656	ug/l	99
46) Dibromomethane	7.66	93	24590	19.507	ug/l	99
47) Bromodichloromethane	7.90	83	47867	19.036	ug/l	98
48) Methyl methacrylate	7.77	41	56208	20.522	ug/l	97
49) 1,4-Dioxane	7.74	88	20998	378.034	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	369096	102.287	ug/l	98
52) Toluene	8.78	92	91693	19.676	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54677	19.260	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	60438	19.234	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	36136	19.007	ug/l	95
56) Ethyl methacrylate	9.18	69	65905	19.420	ug/l	98
57) 1,3-Dichloropropane	9.37	76	64948	19.413	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	168325	93.494	ug/l	100
59) 2-Hexanone	9.49	43	291595	102.891	ug/l	97
60) Dibromochloromethane	9.58	129	34600	18.633	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37284	19.427	ug/l	99
64) Tetrachloroethene	9.34	164	32483	19.425	ug/l	97
65) Chlorobenzene	10.14	112	93053	19.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	32807	18.556	ug/l	99
67) Ethyl Benzene	10.25	91	173248	19.303	ug/l	99
68) m/p-Xylenes	10.36	106	127580	38.899	ug/l	99
69) o-Xylene	10.69	106	62381	19.277	ug/l	99
70) Styrene	10.71	104	107693	19.147	ug/l	98
71) Bromoform	10.85	173	26369	18.353	ug/l #	100
73) Isopropylbenzene	11.02	105	165681	19.315	ug/l	99
74) N-amyl acetate	10.90	43	98119	19.620	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	60865	19.034	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	53198m	19.442	ug/l	
77) Bromobenzene	11.26	156	40537	19.040	ug/l	99
78) n-propylbenzene	11.36	91	191346	19.532	ug/l	100
79) 2-Chlorotoluene	11.42	91	113087	18.711	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	141437	19.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19664	18.387	ug/l	95
82) 4-Chlorotoluene	11.51	91	131768	19.298	ug/l	99
83) tert-Butylbenzene	11.77	119	132939	18.921	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	140694	19.407	ug/l	100
85) sec-Butylbenzene	11.94	105	160067	19.216	ug/l	100
86) p-Isopropyltoluene	12.06	119	145112	19.377	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	72085	18.992	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72230	18.876	ug/l	98
89) n-Butylbenzene	12.38	91	128932	19.049	ug/l	99
90) Hexachloroethane	12.60	117	23308	18.269	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	72872	18.850	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13881	19.350	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50746	19.196	ug/l	97
94) Hexachlorobutadiene	13.78	225	26170	19.385	ug/l	99
95) Naphthalene	13.83	128	160572	18.669	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50432	18.820	ug/l	98

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

