

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009181.D
 Acq On : 26 Apr 2019 11:52
 Operator : JC/SP
 Sample : VX0426WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 11:25:05 AM

Quant Time: Apr 27 04:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	202438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123002	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
35) Dibromofluoromethane	5.49	113	90938	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
50) Toluene-d8	8.71	98	367409	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	11.13	95	134376	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41893	17.967	ug/l	100
3) Chloromethane	1.32	50	52643	18.390	ug/l	98
4) Vinyl Chloride	1.40	62	48554	17.427	ug/l	97
5) Bromomethane	1.64	94	29229	19.312	ug/l	98
6) Chloroethane	1.72	64	29588	18.060	ug/l	97
7) Trichlorofluoromethane	1.93	101	57814	17.773	ug/l	100
8) Diethyl Ether	2.18	74	25966	17.454	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36473	17.536	ug/l	99
10) Methyl Iodide	2.51	142	36537	19.063	ug/l	99
11) Tert butyl alcohol	3.05	59	60131	94.953	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35992	16.579	ug/l	97
13) Acrolein	2.29	56	62037	113.377	ug/l	99
14) Allyl chloride	2.73	41	85430	18.037	ug/l	99
15) Acrylonitrile	3.14	53	144539	89.912	ug/l	99
16) Acetone	2.45	43	136219	92.073	ug/l	99
17) Carbon Disulfide	2.57	76	101105	16.704	ug/l	100
18) Methyl Acetate	2.77	43	68236	18.480	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	135656	17.537	ug/l	99
20) Methylene Chloride	2.85	84	43531	17.206	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	37861	16.351	ug/l	96
22) Diisopropyl ether	3.85	45	165857	18.021	ug/l	97
23) Vinyl Acetate	3.81	43	734502	90.790	ug/l	98
24) 1,1-Dichloroethane	3.70	63	80689	17.465	ug/l	99
25) 2-Butanone	4.67	43	218228	92.281	ug/l	99
26) 2,2-Dichloropropane	4.58	77	58865	16.998	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45039	17.132	ug/l	99
28) Bromochloromethane	5.02	49	33304	16.045	ug/l	99
29) Tetrahydrofuran	5.13	42	142628	90.110	ug/l	99
30) Chloroform	5.21	83	73836	17.860	ug/l	98
31) Cyclohexane	5.57	56	80377	17.689	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	59851	17.467	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56626	17.046	ug/l	99
37) Ethyl Acetate	4.84	43	79857	18.682	ug/l	99
38) Carbon Tetrachloride	5.78	117	50417	17.902	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71649	17.715	ug/l	99
40) Benzene	6.14	78	173949	17.750	ug/l	98
41) Methacrylonitrile	5.04	41	45460	18.530	ug/l	99
42) 1,2-Dichloroethane	6.19	62	62456	17.991	ug/l	99
43) Isopropyl Acetate	6.45	43	123506	17.929	ug/l	100
44) Trichloroethene	7.21	130	41400	17.241	ug/l	98
45) 1,2-Dichloropropane	7.51	63	49097	18.058	ug/l	98
46) Dibromomethane	7.66	93	27756	17.542	ug/l	99
47) Bromodichloromethane	7.90	83	55208	17.790	ug/l	98
48) Methyl methacrylate	7.77	41	63106	18.540	ug/l	99
49) 1,4-Dioxane	7.74	88	25384	398.451	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	419496	95.589	ug/l	98
52) Toluene	8.78	92	105710	17.998	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61632	17.256	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	69889	17.476	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42677	18.334	ug/l	97
56) Ethyl methacrylate	9.18	69	76154	18.245	ug/l	98
57) 1,3-Dichloropropane	9.37	76	75062	18.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	184179	81.943	ug/l	99
59) 2-Hexanone	9.49	43	326869	96.608	ug/l	99
60) Dibromochloromethane	9.58	129	40180	18.010	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43846	18.250	ug/l	99
64) Tetrachloroethene	9.34	164	37039	16.857	ug/l	97
65) Chlorobenzene	10.13	112	107345	17.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38202	17.763	ug/l	99
67) Ethyl Benzene	10.25	91	200691	17.983	ug/l	100
68) m/p-Xylenes	10.36	106	147537	36.376	ug/l	100
69) o-Xylene	10.69	106	71460	18.108	ug/l	98
70) Styrene	10.71	104	124529	18.209	ug/l	100
71) Bromoform	10.85	173	29575	17.261	ug/l #	99
73) Isopropylbenzene	11.02	105	194057	18.263	ug/l	100
74) N-amyl acetate	10.90	43	110218	18.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	69620	17.932	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60898m	17.791	ug/l	
77) Bromobenzene	11.26	156	47062	17.555	ug/l	99
78) n-propylbenzene	11.36	91	223974	18.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	132065	17.970	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	163522	18.339	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21871	16.404	ug/l	92
82) 4-Chlorotoluene	11.51	91	152131	17.824	ug/l	100
83) tert-Butylbenzene	11.77	119	157129	18.355	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	165932	18.282	ug/l	99
85) sec-Butylbenzene	11.94	105	188926	18.504	ug/l	100
86) p-Isopropyltoluene	12.06	119	171366	18.256	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	82679	17.621	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	83101	17.471	ug/l	99
89) n-Butylbenzene	12.38	91	154074	17.624	ug/l	99
90) Hexachloroethane	12.60	117	27262	17.607	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	84446	18.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16555	18.728	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58664	17.539	ug/l	99
94) Hexachlorobutadiene	13.78	225	30301	18.164	ug/l	100
95) Naphthalene	13.83	128	198744	18.547	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62190	18.845	ug/l	97

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

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