

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021519\
 Data File : VX007544.D
 Acq On : 14 Feb 2019 14:35
 Operator : JC/SP
 Sample : VX0215WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/15/2019 10:10:15 AM

Quant Time: Feb 15 03:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	437405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	651926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	608314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	312702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	234915	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	216285	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	783174	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	281441	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93352	17.484	ug/l	99
3) Chloromethane	1.33	50	86683	17.594	ug/l	96
4) Vinyl Chloride	1.41	62	90847	18.796	ug/l	100
5) Bromomethane	1.64	94	75752	15.512	ug/l	99
6) Chloroethane	1.73	64	57309	18.329	ug/l	100
7) Trichlorofluoromethane	1.93	101	139312	18.425	ug/l	99
8) Diethyl Ether	2.19	74	51544	18.112	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80448	17.887	ug/l	97
10) Methyl Iodide	2.51	142	101013	15.268	ug/l	99
11) Tert butyl alcohol	3.07	59	103180	107.389	ug/l	99
12) 1,1-Dichloroethene	2.38	96	71729	17.175	ug/l	98
13) Acrolein	2.30	56	34861	77.374	ug/l	98
14) Allyl chloride	2.73	41	128711	18.915	ug/l	99
15) Acrylonitrile	3.15	53	237415	99.887	ug/l	100
16) Acetone	2.45	43	216529	101.815	ug/l	98
17) Carbon Disulfide	2.57	76	169848	17.014	ug/l	99
18) Methyl Acetate	2.78	43	138316	25.259	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	252697	18.677	ug/l	95
20) Methylene Chloride	2.86	84	85201	19.373	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	76448	17.184	ug/l	100
22) Diisopropyl ether	3.87	45	242575	19.380	ug/l	99
23) Vinyl Acetate	3.82	43	1008481	97.092	ug/l	98
24) 1,1-Dichloroethane	3.70	63	136701	19.017	ug/l	99
25) 2-Butanone	4.70	43	314758	103.999	ug/l	100
26) 2,2-Dichloropropane	4.59	77	98206	17.940	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	89508	18.420	ug/l	100
28) Bromochloromethane	5.01	49	66129	20.005	ug/l	98
29) Tetrahydrofuran	5.15	42	201757	105.993	ug/l	99
30) Chloroform	5.21	83	146229	19.495	ug/l	98
31) Cyclohexane	5.57	56	111933	17.338	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	121251	19.151	ug/l	98
36) 1,1-Dichloropropene	5.81	75	100619	17.202	ug/l	99
37) Ethyl Acetate	4.85	43	115590	19.549	ug/l	98
38) Carbon Tetrachloride	5.78	117	103132	18.174	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120523	17.030	ug/l	98
40) Benzene	6.14	78	319259	18.529	ug/l	99
41) Methacrylonitrile	5.06	41	62421	19.697	ug/l	95
42) 1,2-Dichloroethane	6.20	62	111225	18.657	ug/l	98
43) Isopropyl Acetate	6.46	43	178575	19.566	ug/l	99
44) Trichloroethene	7.21	130	93337	17.986	ug/l	98
45) 1,2-Dichloropropane	7.52	63	82459	19.100	ug/l	96
46) Dibromomethane	7.66	93	57293	18.260	ug/l	97
47) Bromodichloromethane	7.90	83	100051	18.815	ug/l	98
48) Methyl methacrylate	7.77	41	92567	20.277	ug/l	98
49) 1,4-Dioxane	7.75	88	45754	444.552	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	613593	102.126	ug/l	99
52) Toluene	8.79	92	203721	18.325	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	104782	18.344	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	116880	18.607	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88722	19.146	ug/l	97
56) Ethyl methacrylate	9.18	69	124327	19.371	ug/l	97
57) 1,3-Dichloropropane	9.37	76	137210	18.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	351681	103.959	ug/l	99
59) 2-Hexanone	9.49	43	481108	102.903	ug/l	100
60) Dibromochloromethane	9.58	129	84434	19.265	ug/l	97
61) 1,2-Dibromoethane	9.67	107	92877	18.926	ug/l	100
64) Tetrachloroethene	9.34	164	88996	15.522	ug/l	99
65) Chlorobenzene	10.14	112	234792	17.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83132	18.679	ug/l	98
67) Ethyl Benzene	10.25	91	380582	17.803	ug/l	98
68) m/p-Xylenes	10.36	106	301963	35.535	ug/l	99
69) o-Xylene	10.70	106	148911	18.211	ug/l	100
70) Styrene	10.71	104	240769	18.156	ug/l	99
71) Bromoform	10.86	173	62958	18.858	ug/l #	98
73) Isopropylbenzene	11.02	105	395069	18.592	ug/l	99
74) N-amyl acetate	10.90	43	159828	19.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	133931	20.681	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	122931m	20.211	ug/l	
77) Bromobenzene	11.26	156	109057	18.215	ug/l	99
78) n-propylbenzene	11.36	91	434418	18.643	ug/l	100
79) 2-Chlorotoluene	11.42	91	262058	18.534	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	321639	18.501	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33052	19.604	ug/l	95
82) 4-Chlorotoluene	11.51	91	296567	18.127	ug/l	98
83) tert-Butylbenzene	11.77	119	320912	18.645	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	331608	18.788	ug/l	100
85) sec-Butylbenzene	11.94	105	390430	18.742	ug/l	100
86) p-Isopropyltoluene	12.06	119	343189	18.250	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	190583	17.737	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	188263	17.270	ug/l	98
89) n-Butylbenzene	12.39	91	285952	17.677	ug/l	99
90) Hexachloroethane	12.60	117	53571	19.034	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	196442	18.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27621	20.512	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	124952	17.327	ug/l	100
94) Hexachlorobutadiene	13.78	225	61735	17.630	ug/l	98
95) Naphthalene	13.83	128	398862	18.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126546	17.433	ug/l	99

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

