

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012819\
 Data File : VX007267.D
 Acq On : 28 Jan 2019 18:12
 Operator : JC/SP
 Sample : VX0128WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:51:24 AM

Quant Time: Jan 29 01:08:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	450393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	656114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	612713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	317553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	243967	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	5.51	113	219001	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	8.71	98	806729	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.13	95	286667	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	61395	16.599	ug/l	97
3) Chloromethane	1.33	50	74661	17.340	ug/l	98
4) Vinyl Chloride	1.41	62	81609	17.620	ug/l	99
5) Bromomethane	1.64	94	82899	16.753	ug/l	95
6) Chloroethane	1.72	64	56229	17.387	ug/l	96
7) Trichlorofluoromethane	1.93	101	134339	17.951	ug/l	99
8) Diethyl Ether	2.19	74	54387	18.267	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	82762	18.472	ug/l	99
10) Methyl Iodide	2.51	142	108607	17.970	ug/l	99
11) Tert butyl alcohol	3.07	59	102884	92.659	ug/l	99
12) 1,1-Dichloroethene	2.38	96	72748	17.574	ug/l	98
13) Acrolein	2.30	56	48509	103.132	ug/l	100
14) Allyl chloride	2.73	41	130098	18.338	ug/l	98
15) Acrylonitrile	3.15	53	248438	97.467	ug/l	100
16) Acetone	2.45	43	213675	91.825	ug/l	97
17) Carbon Disulfide	2.57	76	151103	14.178	ug/l	98
18) Methyl Acetate	2.78	43	142322	21.120	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	276896	19.272	ug/l	97
20) Methylene Chloride	2.86	84	88349	19.618	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	79912	17.323	ug/l	97
22) Diisopropyl ether	3.87	45	254741	19.100	ug/l	94
23) Vinyl Acetate	3.82	43	1026722	91.285	ug/l	98
24) 1,1-Dichloroethane	3.70	63	141520	18.977	ug/l	97
25) 2-Butanone	4.70	43	315435	94.737	ug/l	96
26) 2,2-Dichloropropane	4.59	77	95027	16.571	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	93419	18.360	ug/l	99
28) Bromochloromethane	5.02	49	68773	21.048	ug/l	93
29) Tetrahydrofuran	5.15	42	204010	94.283	ug/l	97
30) Chloroform	5.21	83	150177	19.233	ug/l	94
31) Cyclohexane	5.57	56	111022	16.726	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	123053	18.593	ug/l	98
36) 1,1-Dichloropropene	5.80	75	99881	17.510	ug/l	99
37) Ethyl Acetate	4.85	43	117228	19.169	ug/l	98
38) Carbon Tetrachloride	5.79	117	103029	17.952	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	122426	16.835	ug/l	98
40) Benzene	6.15	78	324956	18.669	ug/l	98
41) Methacrylonitrile	5.06	41	65736	18.659	ug/l	98
42) 1,2-Dichloroethane	6.20	62	114000	18.953	ug/l	99
43) Isopropyl Acetate	6.46	43	184243	19.099	ug/l	97
44) Trichloroethene	7.21	130	94624	18.142	ug/l	90
45) 1,2-Dichloropropane	7.51	63	86040	19.662	ug/l	99
46) Dibromomethane	7.66	93	60620	19.711	ug/l	99
47) Bromodichloromethane	7.90	83	104392	19.942	ug/l	96
48) Methyl methacrylate	7.77	41	96943	19.569	ug/l	97
49) 1,4-Dioxane	7.75	88	43175	376.285	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	639310	103.124	ug/l	99
52) Toluene	8.78	92	207615	18.558	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	106299	18.313	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	121224	18.911	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93821	20.952	ug/l	99
56) Ethyl methacrylate	9.18	69	129578	19.822	ug/l	96
57) 1,3-Dichloropropane	9.37	76	145233	19.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	347147	103.284	ug/l	98
59) 2-Hexanone	9.49	43	473759	100.281	ug/l	99
60) Dibromochloromethane	9.58	129	88159	20.275	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96418	19.559	ug/l	98
64) Tetrachloroethene	9.34	164	102764	19.372	ug/l	96
65) Chlorobenzene	10.14	112	252773	18.915	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88331	19.649	ug/l	98
67) Ethyl Benzene	10.25	91	401850	18.215	ug/l	99
68) m/p-Xylenes	10.36	106	313427	36.059	ug/l	100
69) o-Xylene	10.69	106	156499	18.462	ug/l	99
70) Styrene	10.71	104	251641	18.743	ug/l	99
71) Bromoform	10.86	173	64368	19.218	ug/l #	99
73) Isopropylbenzene	11.02	105	416610	18.605	ug/l	100
74) N-amyl acetate	10.90	43	163091	18.090	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	136426	19.191	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124848m	19.401	ug/l	
77) Bromobenzene	11.26	156	115789	18.767	ug/l	98
78) n-propylbenzene	11.36	91	456029	18.552	ug/l	99
79) 2-Chlorotoluene	11.42	91	279346	18.878	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	341965	18.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30239	16.891	ug/l	88
82) 4-Chlorotoluene	11.51	91	315025	18.387	ug/l	99
83) tert-Butylbenzene	11.77	119	339693	18.197	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	354349	18.834	ug/l	99
85) sec-Butylbenzene	11.94	105	411114	18.440	ug/l	100
86) p-Isopropyltoluene	12.07	119	368308	18.469	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	202534	18.161	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	201353	19.146	ug/l	98
89) n-Butylbenzene	12.39	91	303998	17.883	ug/l	99
90) Hexachloroethane	12.60	117	53203	18.648	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	201924	18.348	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26339	18.734	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136021	18.015	ug/l	98
94) Hexachlorobutadiene	13.78	225	66090	19.725	ug/l	99
95) Naphthalene	13.83	128	417860	18.264	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	139041	18.538	ug/l	99

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

