

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007521.D
 Acq On : 13 Feb 2019 15:37
 Operator : JC/SP
 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:57:10 AM

Quant Time: Feb 14 03:13:32 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	649995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	958737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	851174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	398542	57.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.54%	
35) Dibromofluoromethane	5.50	113	364915	58.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.00%	
50) Toluene-d8	8.71	98	1289601	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
62) 4-Bromofluorobenzene	11.13	95	456101	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141463	17.825	ug/l	97
3) Chloromethane	1.33	50	125020	17.076	ug/l	99
4) Vinyl Chloride	1.41	62	134448	18.719	ug/l	98
5) Bromomethane	1.64	94	126309	17.466	ug/l	95
6) Chloroethane	1.72	64	86108	18.533	ug/l	100
7) Trichlorofluoromethane	1.93	101	223539	19.895	ug/l	97
8) Diethyl Ether	2.19	74	84558	19.995	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	130800	19.571	ug/l	98
10) Methyl Iodide	2.51	142	158822	16.154	ug/l	99
11) Tert butyl alcohol	3.07	59	155941	109.219	ug/l	99
12) 1,1-Dichloroethene	2.38	96	116288	18.738	ug/l	98
13) Acrolein	2.30	56	59923	89.500	ug/l	100
14) Allyl chloride	2.73	41	205437	20.316	ug/l	98
15) Acrylonitrile	3.15	53	365662	103.527	ug/l	100
16) Acetone	2.45	43	383969	121.497	ug/l	97
17) Carbon Disulfide	2.57	76	274831	18.338	ug/l	99
18) Methyl Acetate	2.78	43	202437	24.886	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	408350	20.310	ug/l	97
20) Methylene Chloride	2.86	84	128149	19.613	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121544	18.385	ug/l	95
22) Diisopropyl ether	3.87	45	385190	20.709	ug/l	99
23) Vinyl Acetate	3.82	43	1603983	103.917	ug/l	99
24) 1,1-Dichloroethane	3.70	63	217922	20.401	ug/l	100
25) 2-Butanone	4.70	43	510295	113.461	ug/l	99
26) 2,2-Dichloropropane	4.59	77	169528	20.840	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	141450	19.589	ug/l	99
28) Bromochloromethane	5.02	49	115233	23.458	ug/l	98
29) Tetrahydrofuran	5.15	42	312044	110.316	ug/l	98
30) Chloroform	5.21	83	231012	20.725	ug/l	100
31) Cyclohexane	5.57	56	182823	19.056	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	191776	20.383	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161954	18.827	ug/l	100
37) Ethyl Acetate	4.86	43	179818	20.679	ug/l	98
38) Carbon Tetrachloride	5.79	117	170260	20.402	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197133	18.941	ug/l	99
40) Benzene	6.14	78	505037	19.931	ug/l	98
41) Methacrylonitrile	5.06	41	97737	20.971	ug/l	98
42) 1,2-Dichloroethane	6.20	62	169256	19.305	ug/l	97
43) Isopropyl Acetate	6.46	43	280861	20.925	ug/l	100
44) Trichloroethene	7.21	130	148049	19.399	ug/l	96
45) 1,2-Dichloropropane	7.52	63	127974	20.157	ug/l	97
46) Dibromomethane	7.66	93	90056	19.516	ug/l	98
47) Bromodichloromethane	7.90	83	159937	20.451	ug/l	96
48) Methyl methacrylate	7.77	41	144007	21.450	ug/l	99
49) 1,4-Dioxane	7.75	88	65805	434.913	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	931652	105.441	ug/l	100
52) Toluene	8.79	92	317286	19.407	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	171418	20.406	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	193040	20.897	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	136233	19.991	ug/l	97
56) Ethyl methacrylate	9.18	69	192041	20.346	ug/l	99
57) 1,3-Dichloropropane	9.37	76	217762	20.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	519544	104.432	ug/l	99
59) 2-Hexanone	9.49	43	718832	104.547	ug/l	98
60) Dibromochloromethane	9.59	129	137004	21.257	ug/l	99
61) 1,2-Dibromoethane	9.67	107	145103	20.106	ug/l	99
64) Tetrachloroethene	9.34	164	153021	19.074	ug/l	97
65) Chlorobenzene	10.13	112	359415	19.350	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	131686	21.146	ug/l	99
67) Ethyl Benzene	10.25	91	595091	19.895	ug/l	99
68) m/p-Xylenes	10.36	106	460733	38.749	ug/l	100
69) o-Xylene	10.70	106	228252	19.950	ug/l	99
70) Styrene	10.71	104	364028	19.619	ug/l	100
71) Bromoform	10.85	173	98467	20.605	ug/l #	99
73) Isopropylbenzene	11.02	105	605725	20.774	ug/l	99
74) N-amyl acetate	10.90	43	243695	21.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	198479	22.336	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	185251m	22.196	ug/l	
77) Bromobenzene	11.26	156	165378	20.130	ug/l	99
78) n-propylbenzene	11.36	91	662761	20.729	ug/l	100
79) 2-Chlorotoluene	11.42	91	391350	20.172	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	493374	20.683	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53032	22.208	ug/l	98
82) 4-Chlorotoluene	11.51	91	455059	20.271	ug/l	100
83) tert-Butylbenzene	11.77	119	493777	20.907	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	500291	20.658	ug/l	99
85) sec-Butylbenzene	11.94	105	598706	20.945	ug/l	99
86) p-Isopropyltoluene	12.06	119	538470	20.868	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289467	19.633	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	289518	19.355	ug/l	99
89) n-Butylbenzene	12.39	91	446649	20.122	ug/l	99
90) Hexachloroethane	12.60	117	84655	21.921	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	289634	19.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41568	22.497	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190880	19.290	ug/l	99
94) Hexachlorobutadiene	13.78	225	96481	20.080	ug/l	97
95) Naphthalene	13.83	128	618501	21.374	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	192163	19.293	ug/l	98

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

