

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
 Data File : VX008014.D
 Acq On : 12 Mar 2019 14:21
 Operator : JC/SP
 Sample : VX0312WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/13/2019 10:13:58 AM

Quant Time: Mar 13 05:44:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	122935	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	5.50	113	108500	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
50) Toluene-d8	8.71	98	407912	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.13	95	143058	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37029	17.357	ug/l	98
3) Chloromethane	1.33	50	48147	17.512	ug/l	99
4) Vinyl Chloride	1.41	62	49604	18.158	ug/l	99
5) Bromomethane	1.64	94	27663	20.923	ug/l	99
6) Chloroethane	1.73	64	35369	19.489	ug/l	96
7) Trichlorofluoromethane	1.93	101	66407	18.671	ug/l	100
8) Diethyl Ether	2.19	74	28479	18.491	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40986	18.596	ug/l	99
10) Methyl Iodide	2.51	142	60279	19.278	ug/l	99
11) Tert butyl alcohol	3.07	59	57040	96.826	ug/l	99
12) 1,1-Dichloroethene	2.38	96	39477	18.581	ug/l	97
13) Acrolein	2.30	56	51140	153.997	ug/l	100
14) Allyl chloride	2.73	41	78393	17.560	ug/l	99
15) Acrylonitrile	3.15	53	135824	91.345	ug/l	99
16) Acetone	2.45	43	120844	79.258	ug/l	99
17) Carbon Disulfide	2.57	76	114564	17.465	ug/l	100
18) Methyl Acetate	2.78	43	62357	19.251	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	139428	19.076	ug/l	99
20) Methylene Chloride	2.86	84	44749	18.441	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42026	17.978	ug/l	99
22) Diisopropyl ether	3.87	45	149248	18.237	ug/l	95
23) Vinyl Acetate	3.82	43	630136	87.806	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79072	17.955	ug/l	99
25) 2-Butanone	4.70	43	185233	85.813	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53261	18.254	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	48621	18.176	ug/l	98
28) Bromochloromethane	5.02	49	37527	18.277	ug/l	98
29) Tetrahydrofuran	5.15	42	121577	90.295	ug/l	99
30) Chloroform	5.21	83	78088	18.744	ug/l	99
31) Cyclohexane	5.57	56	72538	17.921	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	64192	18.571	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57714	17.440	ug/l	99
37) Ethyl Acetate	4.85	43	67477	17.182	ug/l	99
38) Carbon Tetrachloride	5.78	117	56004	17.825	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71545	17.842	ug/l	98
40) Benzene	6.14	78	180461	18.317	ug/l	99
41) Methacrylonitrile	5.06	41	38957	18.195	ug/l	100
42) 1,2-Dichloroethane	6.20	62	59198	18.373	ug/l	99
43) Isopropyl Acetate	6.46	43	104210	17.930	ug/l	100
44) Trichloroethene	7.21	130	49604	18.270	ug/l	97
45) 1,2-Dichloropropane	7.51	63	48133	18.497	ug/l	98
46) Dibromomethane	7.66	93	29946	18.185	ug/l	97
47) Bromodichloromethane	7.90	83	55926	17.912	ug/l	100
48) Methyl methacrylate	7.77	41	54883	17.960	ug/l	98
49) 1,4-Dioxane	7.75	88	22841	363.871	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	346066	92.586	ug/l	99
52) Toluene	8.78	92	111969	18.615	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59386	18.224	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67337	18.298	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	46682	19.172	ug/l	99
56) Ethyl methacrylate	9.18	69	67971	18.592	ug/l	99
57) 1,3-Dichloropropane	9.37	76	75737	18.525	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	187384	99.086	ug/l	99
59) 2-Hexanone	9.49	43	259494	89.421	ug/l	100
60) Dibromochloromethane	9.58	129	45931	18.047	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48128	18.617	ug/l	99
64) Tetrachloroethene	9.34	164	49732	18.706	ug/l	97
65) Chlorobenzene	10.14	112	123712	18.428	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	44678	18.569	ug/l	99
67) Ethyl Benzene	10.25	91	204005	18.461	ug/l	100
68) m/p-Xylenes	10.36	106	157448	36.964	ug/l	100
69) o-Xylene	10.69	106	77180	18.768	ug/l	99
70) Styrene	10.71	104	126763	18.837	ug/l	100
71) Bromoform	10.85	173	35928	17.388	ug/l #	100
73) Isopropylbenzene	11.02	105	204326	19.004	ug/l	100
74) N-amyl acetate	10.90	43	87220	17.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67613	18.231	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	65806m	19.726	ug/l	
77) Bromobenzene	11.26	156	55698	18.895	ug/l	98
78) n-propylbenzene	11.36	91	225642	18.917	ug/l	99
79) 2-Chlorotoluene	11.42	91	138234	18.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	170900	19.312	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18087	17.330	ug/l	93
82) 4-Chlorotoluene	11.51	91	155853	18.647	ug/l	100
83) tert-Butylbenzene	11.77	119	166574	18.687	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	173261	19.099	ug/l	100
85) sec-Butylbenzene	11.94	105	201471	19.190	ug/l	99
86) p-Isopropyltoluene	12.06	119	180508	19.198	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	96456	18.495	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	96460	18.061	ug/l	99
89) n-Butylbenzene	12.38	91	146942	18.447	ug/l	99
90) Hexachloroethane	12.60	117	27890	17.742	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	96681	18.661	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13200	17.030	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	65563	18.014	ug/l	100
94) Hexachlorobutadiene	13.78	225	36680	19.277	ug/l	99
95) Naphthalene	13.83	128	192365	18.344	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66858	18.441	ug/l	99

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

