

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007567.D
 Acq On : 15 Feb 2019 14:51
 Operator : JC/SP
 Sample : VX0216WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 10:40:37 AM

Quant Time: Feb 16 04:05:45 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	448613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	666385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	596024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	296235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	234640	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	213560	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	749968	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.13	95	258831	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97875	17.869	ug/l	100
3) Chloromethane	1.33	50	88003	17.416	ug/l	98
4) Vinyl Chloride	1.41	62	95759	19.317	ug/l	99
5) Bromomethane	1.64	94	87503	17.534	ug/l	97
6) Chloroethane	1.73	64	62901	19.615	ug/l	93
7) Trichlorofluoromethane	1.93	101	153512	19.796	ug/l	97
8) Diethyl Ether	2.19	74	59750	20.471	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87672	19.007	ug/l	99
10) Methyl Iodide	2.51	142	107109	15.785	ug/l	98
11) Tert butyl alcohol	3.07	59	109454	111.072	ug/l	96
12) 1,1-Dichloroethene	2.38	96	80184	18.720	ug/l	98
13) Acrolein	2.30	56	48154	104.208	ug/l	99
14) Allyl chloride	2.73	41	145047	20.783	ug/l	98
15) Acrylonitrile	3.15	53	261026	107.077	ug/l	99
16) Acetone	2.45	43	254998	116.908	ug/l	100
17) Carbon Disulfide	2.57	76	189288	18.304	ug/l	98
18) Methyl Acetate	2.78	43	143831	25.601	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	287968	20.752	ug/l	99
20) Methylene Chloride	2.86	84	92391	20.506	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	84682	18.559	ug/l	96
22) Diisopropyl ether	3.87	45	273519	21.306	ug/l	95
23) Vinyl Acetate	3.82	43	1112824	104.460	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154108	20.903	ug/l	98
25) 2-Butanone	4.70	43	351650	113.286	ug/l	99
26) 2,2-Dichloropropane	4.59	77	115806	20.626	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	100117	20.089	ug/l	99
28) Bromochloromethane	5.01	49	72571	21.405	ug/l	100
29) Tetrahydrofuran	5.15	42	221876	113.651	ug/l	99
30) Chloroform	5.21	83	160070	20.807	ug/l	96
31) Cyclohexane	5.58	56	124212	18.759	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	134833	20.764	ug/l	100
36) 1,1-Dichloropropene	5.80	75	111535	18.654	ug/l	99
37) Ethyl Acetate	4.85	43	126681	20.960	ug/l	98
38) Carbon Tetrachloride	5.79	117	116482	20.081	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130247	18.005	ug/l	97
40) Benzene	6.15	78	346488	19.673	ug/l	98
41) Methacrylonitrile	5.06	41	70331	21.712	ug/l	97
42) 1,2-Dichloroethane	6.20	62	120315	19.744	ug/l	99
43) Isopropyl Acetate	6.46	43	196795	21.095	ug/l	99
44) Trichloroethene	7.21	130	100879	19.018	ug/l	94
45) 1,2-Dichloropropane	7.51	63	90917	20.603	ug/l	99
46) Dibromomethane	7.66	93	63508	19.801	ug/l	97
47) Bromodichloromethane	7.90	83	111035	20.427	ug/l	97
48) Methyl methacrylate	7.77	41	100347	21.504	ug/l	99
49) 1,4-Dioxane	7.75	88	44899	427.054	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	661713	107.746	ug/l	100
52) Toluene	8.79	92	218961	19.269	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	116662	19.981	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	132672	20.663	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	97406	20.564	ug/l	94
56) Ethyl methacrylate	9.18	69	132893	20.257	ug/l	100
57) 1,3-Dichloropropane	9.37	76	153521	20.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	351197	101.563	ug/l	99
59) 2-Hexanone	9.49	43	506146	105.909	ug/l	99
60) Dibromochloromethane	9.58	129	95389	21.293	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99307	19.797	ug/l	95
64) Tetrachloroethene	9.34	164	102211	18.194	ug/l	98
65) Chlorobenzene	10.14	112	251890	19.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	91047	20.879	ug/l	99
67) Ethyl Benzene	10.25	91	407314	19.447	ug/l	97
68) m/p-Xylenes	10.36	106	317323	38.112	ug/l	100
69) o-Xylene	10.69	106	157059	19.604	ug/l	100
70) Styrene	10.71	104	252459	19.430	ug/l	99
71) Bromoform	10.85	173	68983	20.612	ug/l #	99
73) Isopropylbenzene	11.02	105	418558	20.792	ug/l	99
74) N-amyl acetate	10.90	43	169133	21.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	140803	22.951	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	132259m	22.953	ug/l	
77) Bromobenzene	11.26	156	113027	19.927	ug/l	97
78) n-propylbenzene	11.36	91	460382	20.856	ug/l	100
79) 2-Chlorotoluene	11.42	91	273680	20.432	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	336227	20.415	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36416	22.111	ug/l	96
82) 4-Chlorotoluene	11.51	91	316935	20.449	ug/l	99
83) tert-Butylbenzene	11.77	119	337255	20.683	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	349268	20.889	ug/l	99
85) sec-Butylbenzene	11.94	105	413001	20.927	ug/l	99
86) p-Isopropyltoluene	12.06	119	360271	20.223	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199927	19.641	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	200702	19.434	ug/l	98
89) n-Butylbenzene	12.38	91	303006	19.772	ug/l	99
90) Hexachloroethane	12.60	117	57668	21.629	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	202816	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28161	22.076	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	134037	19.620	ug/l	99
94) Hexachlorobutadiene	13.78	225	64392	19.411	ug/l	99
95) Naphthalene	13.83	128	418976	20.972	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132459	19.262	ug/l	98

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

