

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011294.D
 Acq On : 02 Aug 2019 11:03
 Operator : JC/SP
 Sample : VX0802WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 12:11:41 PM

Quant Time: Aug 03 05:55:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	226723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	207853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105974	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	72785	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.49	113	69540	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	8.71	98	261405	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	11.13	95	90890	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22187	18.574	ug/l	100
3) Chloromethane	1.32	50	25003	18.639	ug/l	98
4) Vinyl Chloride	1.40	62	27601	18.706	ug/l	95
5) Bromomethane	1.63	94	22121	21.021	ug/l	99
6) Chloroethane	1.71	64	18695	18.833	ug/l	100
7) Trichlorofluoromethane	1.92	101	49417	18.836	ug/l	96
8) Diethyl Ether	2.18	74	16478	17.589	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26191	18.450	ug/l	98
10) Methyl Iodide	2.50	142	28510	15.930	ug/l	99
11) Tert butyl alcohol	3.04	59	31802	102.407	ug/l	98
12) 1,1-Dichloroethene	2.37	96	25955	18.445	ug/l	96
13) Acrolein	2.29	56	18206	94.060	ug/l	96
14) Allyl chloride	2.72	41	34875	18.590	ug/l	99
15) Acrylonitrile	3.14	53	72268	97.507	ug/l	100
16) Acetone	2.43	43	68209	92.005	ug/l	97
17) Carbon Disulfide	2.56	76	60147	18.214	ug/l	99
18) Methyl Acetate	2.76	43	32928	19.436	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	76503	18.448	ug/l	96
20) Methylene Chloride	2.85	84	29349	18.076	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	27577	18.526	ug/l	93
22) Diisopropyl ether	3.85	45	76173	18.475	ug/l	97
23) Vinyl Acetate	3.81	43	329265	96.285	ug/l	98
24) 1,1-Dichloroethane	3.69	63	45484	18.708	ug/l	98
25) 2-Butanone	4.67	43	99233	94.097	ug/l	100
26) 2,2-Dichloropropane	4.57	77	34128	18.058	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	31326	18.271	ug/l	99
28) Bromochloromethane	5.01	49	21504	19.402	ug/l #	99
29) Tetrahydrofuran	5.12	42	61652	95.346	ug/l	98
30) Chloroform	5.20	83	49120	18.589	ug/l	95
31) Cyclohexane	5.57	56	36919	18.406	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	41982	18.547	ug/l	99
36) 1,1-Dichloropropene	5.79	75	35128	17.746	ug/l	98
37) Ethyl Acetate	4.82	43	35548	17.903	ug/l	98
38) Carbon Tetrachloride	5.77	117	35981	18.067	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	40839	17.405	ug/l	96
40) Benzene	6.14	78	110758	18.750	ug/l	98
41) Methacrylonitrile	5.04	41	18766	17.306	ug/l #	94
42) 1,2-Dichloroethane	6.19	62	36270	18.158	ug/l	99
43) Isopropyl Acetate	6.44	43	57183	18.013	ug/l	99
44) Trichloroethene	7.21	130	32921	18.413	ug/l	96
45) 1,2-Dichloropropane	7.51	63	27861	18.212	ug/l	95
46) Dibromomethane	7.66	93	19345	17.322	ug/l	97
47) Bromodichloromethane	7.90	83	34059	18.013	ug/l	98
48) Methyl methacrylate	7.77	41	28630	19.164	ug/l	97
49) 1,4-Dioxane	7.73	88	15765	363.993	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	194026	94.707	ug/l	100
52) Toluene	8.78	92	72389	18.535	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	34612	17.664	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	40360	18.273	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	29439	18.333	ug/l	98
56) Ethyl methacrylate	9.18	69	41137	17.977	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46348	18.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	97971	87.074	ug/l	99
59) 2-Hexanone	9.49	43	150158	94.626	ug/l	100
60) Dibromochloromethane	9.58	129	29416	17.893	ug/l	98
61) 1,2-Dibromoethane	9.67	107	31571	18.198	ug/l	99
64) Tetrachloroethene	9.34	164	31652	17.931	ug/l	97
65) Chlorobenzene	10.13	112	80988	18.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	28108	18.422	ug/l	99
67) Ethyl Benzene	10.25	91	137119	18.371	ug/l	99
68) m/p-Xylenes	10.35	106	105820	36.654	ug/l	99
69) o-Xylene	10.69	106	51725	18.235	ug/l	98
70) Styrene	10.71	104	85786	18.278	ug/l	99
71) Bromoform	10.85	173	20655	17.118	ug/l #	99
73) Isopropylbenzene	11.02	105	138399	19.095	ug/l	99
74) N-amyl acetate	10.90	43	49959	19.076	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	46740	19.351	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	37611m	19.488	ug/l	
77) Bromobenzene	11.25	156	38092	18.953	ug/l	98
78) n-propylbenzene	11.36	91	153494	19.044	ug/l	100
79) 2-Chlorotoluene	11.42	91	90956	18.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	113287	18.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	10920	18.269	ug/l	89
82) 4-Chlorotoluene	11.51	91	103056	18.407	ug/l	99
83) tert-Butylbenzene	11.77	119	112214	18.858	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	115714	19.156	ug/l	99
85) sec-Butylbenzene	11.94	105	134113	18.759	ug/l	99
86) p-Isopropyltoluene	12.06	119	124325	18.902	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	66566	18.745	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66725	18.222	ug/l	98
89) n-Butylbenzene	12.38	91	103074	18.190	ug/l	99
90) Hexachloroethane	12.59	117	17850	18.357	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	67233	18.843	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9064	19.369	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	43704	18.469	ug/l	99
94) Hexachlorobutadiene	13.78	225	21373	17.803	ug/l	96
95) Naphthalene	13.83	128	134170	19.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	46278	19.237	ug/l	99

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

