

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011356.D
 Acq On : 07 Aug 2019 12:18
 Operator : JC/SP
 Sample : VX0807WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 10:57:06 AM

Quant Time: Aug 08 07:20:59 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	171630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95041	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
35) Dibromofluoromethane	5.49	113	82079	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.71	98	310621	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	112538	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23102	17.428	ug/l	99
3) Chloromethane	1.32	50	26343	17.697	ug/l	97
4) Vinyl Chloride	1.40	62	28579	17.454	ug/l	97
5) Bromomethane	1.63	94	21835	18.698	ug/l	99
6) Chloroethane	1.71	64	19699	17.743	ug/l	96
7) Trichlorofluoromethane	1.92	101	51739	17.771	ug/l	98
8) Diethyl Ether	2.18	74	18507	17.802	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28699	18.218	ug/l	99
10) Methyl Iodide	2.50	142	31086	15.652	ug/l	99
11) Tert butyl alcohol	3.03	59	37179	107.885	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27701	17.739	ug/l	92
13) Acrolein	2.29	56	19606	91.267	ug/l	100
14) Allyl chloride	2.72	41	41123	19.754	ug/l	97
15) Acrylonitrile	3.14	53	82920	100.818	ug/l	98
16) Acetone	2.43	43	77589	94.312	ug/l	98
17) Carbon Disulfide	2.56	76	63389	17.298	ug/l	99
18) Methyl Acetate	2.76	43	37813	20.113	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	90832	19.738	ug/l	99
20) Methylene Chloride	2.85	84	32118	17.826	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	30531	18.483	ug/l	95
22) Diisopropyl ether	3.85	45	87824	19.195	ug/l	95
23) Vinyl Acetate	3.81	43	383905	101.165	ug/l	97
24) 1,1-Dichloroethane	3.69	63	52129	19.322	ug/l	99
25) 2-Butanone	4.67	43	116383	99.449	ug/l	99
26) 2,2-Dichloropropane	4.58	77	40991	19.545	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	34345	18.051	ug/l	96
28) Bromochloromethane	5.01	49	25778	20.959	ug/l	91
29) Tetrahydrofuran	5.12	42	71178	99.196	ug/l	99
30) Chloroform	5.20	83	56624	19.311	ug/l	97
31) Cyclohexane	5.58	56	41754	18.759	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	48781	19.420	ug/l	98
36) 1,1-Dichloropropene	5.79	75	39959	18.239	ug/l	99
37) Ethyl Acetate	4.82	43	43808	19.934	ug/l	97
38) Carbon Tetrachloride	5.78	117	42614	19.333	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44363	17.083	ug/l	99
40) Benzene	6.13	78	121013	18.510	ug/l	97
41) Methacrylonitrile	5.04	41	22782	18.982	ug/l #	96
42) 1,2-Dichloroethane	6.18	62	44197	19.992	ug/l	98
43) Isopropyl Acetate	6.44	43	68280	19.434	ug/l	99
44) Trichloroethene	7.21	130	35003	17.688	ug/l	98
45) 1,2-Dichloropropane	7.51	63	31499	18.604	ug/l	97
46) Dibromomethane	7.66	93	22671	18.342	ug/l	97
47) Bromodichloromethane	7.89	83	39696	18.969	ug/l	96
48) Methyl methacrylate	7.77	41	32835	19.858	ug/l	99
49) 1,4-Dioxane	7.74	88	18477	385.447	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	227906	100.510	ug/l	100
52) Toluene	8.78	92	80484	18.619	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41722	18.986	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	47093	19.264	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	34323	19.312	ug/l	97
56) Ethyl methacrylate	9.18	69	49077	19.377	ug/l	98
57) 1,3-Dichloropropane	9.37	76	52952	18.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	128491	103.180	ug/l	99
59) 2-Hexanone	9.49	43	179941	102.454	ug/l	98
60) Dibromochloromethane	9.58	129	33525	18.425	ug/l	98
61) 1,2-Dibromoethane	9.67	107	35135	18.298	ug/l	99
64) Tetrachloroethene	9.34	164	35585	17.947	ug/l	94
65) Chlorobenzene	10.13	112	90804	18.139	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	32583	19.012	ug/l	99
67) Ethyl Benzene	10.25	91	155277	18.521	ug/l	99
68) m/p-Xylenes	10.35	106	120099	37.035	ug/l	97
69) o-Xylene	10.69	106	56973	17.881	ug/l	96
70) Styrene	10.71	104	97994	18.588	ug/l	98
71) Bromoform	10.85	173	24875	18.148	ug/l #	99
73) Isopropylbenzene	11.02	105	156316	19.063	ug/l	100
74) N-amyl acetate	10.90	43	59378	20.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	52960	19.381	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	45424m	20.804	ug/l	
77) Bromobenzene	11.25	156	41936	18.443	ug/l	94
78) n-propylbenzene	11.35	91	172278	18.893	ug/l	100
79) 2-Chlorotoluene	11.42	91	104610	19.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	130698	19.041	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	13269	19.286	ug/l	89
82) 4-Chlorotoluene	11.51	91	119957	18.938	ug/l	98
83) tert-Butylbenzene	11.77	119	129285	19.204	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	130907	19.155	ug/l	99
85) sec-Butylbenzene	11.94	105	150787	18.642	ug/l	100
86) p-Isopropyltoluene	12.06	119	139896	18.800	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75244	18.729	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75787	18.294	ug/l	98
89) n-Butylbenzene	12.38	91	117134	18.271	ug/l	99
90) Hexachloroethane	12.59	117	20497	18.632	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	75630	18.735	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10862	20.517	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50521	18.871	ug/l	99
94) Hexachlorobutadiene	13.78	225	23593	17.370	ug/l	97
95) Naphthalene	13.83	128	152149	19.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	51999	19.106	ug/l	98

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

