

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010353.D
 Acq On : 20 Jun 2019 12:11
 Operator : JC/SP
 Sample : VX0620WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 11:34:59 AM

Quant Time: Jun 21 01:37:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	308410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	446514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	404660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136856	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	135421	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.71	98	517359	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	185676	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40814	19.035	ug/l	98
3) Chloromethane	1.32	50	47149	18.884	ug/l	96
4) Vinyl Chloride	1.41	62	49538	18.115	ug/l	99
5) Bromomethane	1.64	94	29535	22.169	ug/l	98
6) Chloroethane	1.72	64	29928	18.550	ug/l	95
7) Trichlorofluoromethane	1.93	101	83819	19.335	ug/l	94
8) Diethyl Ether	2.18	74	30181	19.414	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50516	19.229	ug/l	99
10) Methyl Iodide	2.51	142	61786	16.480	ug/l	100
11) Tert butyl alcohol	3.04	59	66626	88.054	ug/l	98
12) 1,1-Dichloroethene	2.37	96	50679	18.958	ug/l	97
13) Acrolein	2.29	56	38242	76.188	ug/l	100
14) Allyl chloride	2.73	41	72247	19.036	ug/l	100
15) Acrylonitrile	3.14	53	137889	92.044	ug/l	100
16) Acetone	2.44	43	132584	91.487	ug/l	99
17) Carbon Disulfide	2.57	76	132324	18.450	ug/l	100
18) Methyl Acetate	2.77	43	52985	18.344	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	159043	18.912	ug/l	99
20) Methylene Chloride	2.85	84	55298	18.542	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	53474	18.599	ug/l	99
22) Diisopropyl ether	3.85	45	148352	18.696	ug/l	96
23) Vinyl Acetate	3.81	43	655221	95.584	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86563	18.873	ug/l	99
25) 2-Butanone	4.67	43	194969	91.715	ug/l	99
26) 2,2-Dichloropropane	4.57	77	76297	19.149	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	62262	18.740	ug/l	100
28) Bromochloromethane	5.01	49	35356	16.122	ug/l	100
29) Tetrahydrofuran	5.12	42	116826	88.724	ug/l	97
30) Chloroform	5.21	83	92657	18.775	ug/l	97
31) Cyclohexane	5.57	56	81727	19.567	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	81945	18.805	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68248	19.234	ug/l	99
37) Ethyl Acetate	4.82	43	68831	18.856	ug/l	98
38) Carbon Tetrachloride	5.78	117	74033	19.268	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92102	19.747	ug/l	100
40) Benzene	6.14	78	216527	19.587	ug/l	98
41) Methacrylonitrile	5.04	41	37068	18.508	ug/l	97
42) 1,2-Dichloroethane	6.18	62	66160	19.661	ug/l	99
43) Isopropyl Acetate	6.44	43	115204	19.076	ug/l	99
44) Trichloroethene	7.21	130	64714	19.564	ug/l	96
45) 1,2-Dichloropropane	7.51	63	53221	19.065	ug/l	99
46) Dibromomethane	7.66	93	38738	19.341	ug/l	99
47) Bromodichloromethane	7.89	83	71364	19.442	ug/l	99
48) Methyl methacrylate	7.76	41	53541	19.073	ug/l	99
49) 1,4-Dioxane	7.74	88	31503	389.564	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	366339	94.844	ug/l	100
52) Toluene	8.78	92	141972	19.502	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	79469	19.311	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86183	19.272	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	58324	19.426	ug/l	100
56) Ethyl methacrylate	9.18	69	86333	18.982	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90216	19.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	200904	93.010	ug/l	100
59) 2-Hexanone	9.49	43	287925	94.714	ug/l	99
60) Dibromochloromethane	9.58	129	63589	18.916	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62072	19.154	ug/l	99
64) Tetrachloroethene	9.34	164	66604	20.350	ug/l	93
65) Chlorobenzene	10.13	112	161625	19.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	58551	19.566	ug/l	97
67) Ethyl Benzene	10.25	91	271857	19.601	ug/l	100
68) m/p-Xylenes	10.35	106	212839	39.605	ug/l	100
69) o-Xylene	10.69	106	102544	19.403	ug/l	99
70) Styrene	10.71	104	173075	19.528	ug/l	99
71) Bromoform	10.85	173	50285	19.323	ug/l #	98
73) Isopropylbenzene	11.02	105	275598	19.455	ug/l	99
74) N-amyl acetate	10.90	43	101661	18.989	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	87318	18.612	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74135m	19.467	ug/l	
77) Bromobenzene	11.25	156	74432	18.817	ug/l	99
78) n-propylbenzene	11.36	91	305120	19.597	ug/l	100
79) 2-Chlorotoluene	11.42	91	178274	19.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	227680	19.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30071	18.422	ug/l	97
82) 4-Chlorotoluene	11.51	91	202066	19.154	ug/l	97
83) tert-Butylbenzene	11.77	119	228621	19.505	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	228605	19.484	ug/l	98
85) sec-Butylbenzene	11.94	105	269753	19.601	ug/l	100
86) p-Isopropyltoluene	12.06	119	250072	19.644	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	134651	19.501	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	134015	19.065	ug/l	99
89) n-Butylbenzene	12.38	91	211841	19.584	ug/l	100
90) Hexachloroethane	12.59	117	42651	19.377	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	132221	19.267	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17441	17.243	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	93325	19.610	ug/l	99
94) Hexachlorobutadiene	13.78	225	46296	19.905	ug/l	99
95) Naphthalene	13.83	128	279785	19.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92619	19.574	ug/l	99

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

