

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010318.D
 Acq On : 17 Jun 2019 12:49
 Operator : JC/SP
 Sample : VX0617WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 11:26:25 AM

Quant Time: Jun 18 02:01:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	306105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	442724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129049	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	5.49	113	130198	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
50) Toluene-d8	8.71	98	493799	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.13	95	178003	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	50067	17.776	ug/l	100
3) Chloromethane	1.33	50	47055	16.822	ug/l	99
4) Vinyl Chloride	1.41	62	48978	18.630	ug/l	99
5) Bromomethane	1.64	94	25197	25.399	ug/l	95
6) Chloroethane	1.72	64	29747	22.442	ug/l	100
7) Trichlorofluoromethane	1.93	101	79882	20.455	ug/l	99
8) Diethyl Ether	2.19	74	28373	21.080	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48134	17.881	ug/l	92
10) Methyl Iodide	2.51	142	55262	13.250	ug/l	97
11) Tert butyl alcohol	3.04	59	66516	90.874	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45512	16.553	ug/l #	81
13) Acrolein	2.29	56	7421	55.602	ug/l	99
14) Allyl chloride	2.73	41	67662	16.303	ug/l #	89
15) Acrylonitrile	3.14	53	128830	86.110	ug/l	99
16) Acetone	2.44	43	126380	89.928	ug/l #	87
17) Carbon Disulfide	2.57	76	111204	13.998	ug/l	99
18) Methyl Acetate	2.77	43	55463	17.945	ug/l #	80
19) Methyl tert-butyl Ether	3.19	73	149007	16.869	ug/l	95
20) Methylene Chloride	2.85	84	52788	17.104	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	48400	15.907	ug/l #	77
22) Diisopropyl ether	3.85	45	140208	17.669	ug/l #	89
23) Vinyl Acetate	3.81	43	606523	85.680	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	80163	16.639	ug/l	97
25) 2-Butanone	4.67	43	183014	87.454	ug/l #	86
26) 2,2-Dichloropropane	4.58	77	72372	16.466	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	58568	17.302	ug/l	77
28) Bromochloromethane	5.01	49	33812	15.659	ug/l #	49
29) Tetrahydrofuran	5.13	42	111629	84.879	ug/l #	76
30) Chloroform	5.21	83	87022	17.392	ug/l	98
31) Cyclohexane	5.58	56	71992	16.557	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	77857	16.552	ug/l	95
36) 1,1-Dichloropropene	5.80	75	61669	17.074	ug/l	92
37) Ethyl Acetate	4.83	43	65937	17.545	ug/l #	90
38) Carbon Tetrachloride	5.78	117	70367	17.212	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83936	17.066	ug/l #	84
40) Benzene	6.14	78	201498	18.041	ug/l	98
41) Methacrylonitrile	5.04	41	34961	17.198	ug/l #	81
42) 1,2-Dichloroethane	6.19	62	60905	17.081	ug/l	93
43) Isopropyl Acetate	6.44	43	108469	17.262	ug/l #	88
44) Trichloroethene	7.21	130	59670	17.724	ug/l	83
45) 1,2-Dichloropropane	7.51	63	51166	18.303	ug/l	97
46) Dibromomethane	7.66	93	36475	17.416	ug/l	90
47) Bromodichloromethane	7.90	83	67898	17.350	ug/l #	98
48) Methyl methacrylate	7.77	41	52396	17.830	ug/l #	79
49) 1,4-Dioxane	7.74	88	31298	373.555	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	350036	93.248	ug/l	91
52) Toluene	8.78	92	131827	17.956	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75412	16.660	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	82659	17.034	ug/l #	86
55) 1,1,2-Trichloroethane	9.21	97	55681	18.518	ug/l	95
56) Ethyl methacrylate	9.18	69	82891	17.452	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	85357	18.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	203674	90.962	ug/l #	86
59) 2-Hexanone	9.49	43	276815	92.489	ug/l	89
60) Dibromochloromethane	9.58	129	61695	17.347	ug/l	99
61) 1,2-Dibromoethane	9.67	107	58516	17.474	ug/l	100
64) Tetrachloroethene	9.34	164	59604	19.988	ug/l	94
65) Chlorobenzene	10.13	112	149907	18.091	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	57142	17.932	ug/l	99
67) Ethyl Benzene	10.25	91	253250	17.953	ug/l	94
68) m/p-Xylenes	10.35	106	197297	36.143	ug/l	90
69) o-Xylene	10.69	106	96840	17.846	ug/l	89
70) Styrene	10.71	104	164103	17.856	ug/l	95
71) Bromoform	10.85	173	49435	16.875	ug/l #	99
73) Isopropylbenzene	11.02	105	261556	17.660	ug/l	95
74) N-amyl acetate	10.90	43	97869	16.716	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	85750	16.913	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	71002m	16.731	ug/l	
77) Bromobenzene	11.25	156	71649	17.591	ug/l	79
78) n-propylbenzene	11.36	91	288573	17.501	ug/l	95
79) 2-Chlorotoluene	11.42	91	170076	17.174	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	218559	17.520	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	29441	15.328	ug/l	87
82) 4-Chlorotoluene	11.51	91	193788	17.226	ug/l	89
83) tert-Butylbenzene	11.77	119	220399	17.456	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	219945	17.455	ug/l	95
85) sec-Butylbenzene	11.94	105	259722	17.656	ug/l	96
86) p-Isopropyltoluene	12.06	119	240558	17.888	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	127080	17.714	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	127833	17.676	ug/l	99
89) n-Butylbenzene	12.38	91	204201	17.641	ug/l	97
90) Hexachloroethane	12.59	117	43114	16.094	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	128078	18.364	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18105	15.175	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91104	17.845	ug/l	97
94) Hexachlorobutadiene	13.78	225	45578	20.074	ug/l	99
95) Naphthalene	13.83	128	281084	17.490	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92586	18.341	ug/l	98

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

