

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010112.D
 Acq On : 07 Jun 2019 16:40
 Operator : JC/SP
 Sample : VX0607WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:52:51 AM

Quant Time: Jun 08 03:02:20 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	5.67	168	305451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	152545	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	5.49	113	148000	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
50) Toluene-d8	8.71	98	559584	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.13	95	208433	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	61214	21.780	ug/l	100
3) Chloromethane	1.33	50	57653	20.655	ug/l	97
4) Vinyl Chloride	1.41	62	54691	20.848	ug/l	100
5) Bromomethane	1.64	94	25020	25.274	ug/l	96
6) Chloroethane	1.72	64	33182	25.088	ug/l	99
7) Trichlorofluoromethane	1.93	101	82121	21.074	ug/l	99
8) Diethyl Ether	2.19	74	28291	21.064	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53917	20.072	ug/l	91
10) Methyl Iodide	2.51	142	82864	19.910	ug/l	96
11) Tert butyl alcohol	3.04	59	86392	118.281	ug/l	97
12) 1,1-Dichloroethene	2.37	96	54310	19.795	ug/l #	79
13) Acrolein	2.29	56	16764	125.874	ug/l	91
14) Allyl chloride	2.73	41	81441	19.665	ug/l #	88
15) Acrylonitrile	3.14	53	152979	102.470	ug/l	97
16) Acetone	2.44	43	135934	96.933	ug/l	89
17) Carbon Disulfide	2.57	76	153420	19.353	ug/l	98
18) Methyl Acetate	2.78	43	62060	20.123	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	176474	20.021	ug/l	92
20) Methylene Chloride	2.85	84	60987	19.802	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	58997	19.431	ug/l #	79
22) Diisopropyl ether	3.85	45	160314	20.247	ug/l #	92
23) Vinyl Acetate	3.81	43	728808	103.175	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	94277	19.610	ug/l #	94
25) 2-Butanone	4.67	43	215919	103.399	ug/l #	80
26) 2,2-Dichloropropane	4.58	77	86204	19.655	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	68517	20.285	ug/l	79
28) Bromochloromethane	5.02	49	39239	18.212	ug/l #	48
29) Tetrahydrofuran	5.13	42	134433	102.437	ug/l #	74
30) Chloroform	5.21	83	99827	19.994	ug/l	99
31) Cyclohexane	5.58	56	88351	20.363	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	91374	19.467	ug/l	94
36) 1,1-Dichloropropene	5.80	75	74221	19.511	ug/l	92
37) Ethyl Acetate	4.84	43	78864	19.925	ug/l #	89
38) Carbon Tetrachloride	5.79	117	83951	19.498	ug/l	100

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

39) Methylcyclohexane	7.46	83	101060	19.510	ug/l #	84
40) Benzene	6.14	78	236441	20.101	ug/l	99
41) Methacrylonitrile	5.04	41	42567	19.882	ug/l #	84
42) 1,2-Dichloroethane	6.20	62	73491	19.570	ug/l	94
43) Isopropyl Acetate	6.45	43	131318	19.843	ug/l #	88
44) Trichloroethene	7.21	130	69444	19.586	ug/l	87
45) 1,2-Dichloropropane	7.51	63	59105	20.076	ug/l	99
46) Dibromomethane	7.66	93	41996	19.040	ug/l	90
47) Bromodichloromethane	7.90	83	82673	20.059	ug/l	100
48) Methyl methacrylate	7.77	41	63098	20.388	ug/l #	78
49) 1,4-Dioxane	7.74	88	36403	412.547	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	415977	105.220	ug/l	89
52) Toluene	8.78	92	154265	19.951	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	92335	19.369	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	98308	19.236	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	64271	20.296	ug/l	96
56) Ethyl methacrylate	9.18	69	99706	19.932	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	99401	19.938	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	230851	97.894	ug/l #	87
59) 2-Hexanone	9.49	43	329158	104.425	ug/l	87
60) Dibromochloromethane	9.58	129	73787	19.699	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68978	19.558	ug/l	99
64) Tetrachloroethene	9.34	164	60647	19.389	ug/l	98
65) Chlorobenzene	10.13	112	172717	19.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	65889	19.712	ug/l	98
67) Ethyl Benzene	10.25	91	296535	20.041	ug/l	94
68) m/p-Xylenes	10.36	106	228732	39.947	ug/l	91
69) o-Xylene	10.69	106	113243	19.896	ug/l	89
70) Styrene	10.71	104	192330	19.951	ug/l	95
71) Bromoform	10.85	173	61630	20.056	ug/l #	97
73) Isopropylbenzene	11.02	105	296462	20.156	ug/l	95
74) N-amyl acetate	10.90	43	118699	20.416	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	101379	20.136	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	86436m	20.510	ug/l	
77) Bromobenzene	11.26	156	79761	19.720	ug/l	84
78) n-propylbenzene	11.36	91	324405	19.812	ug/l	93
79) 2-Chlorotoluene	11.42	91	194770	19.805	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	248269	20.041	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	38330	20.095	ug/l #	83
82) 4-Chlorotoluene	11.51	91	223788	20.032	ug/l	92
83) tert-Butylbenzene	11.77	119	250582	19.985	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	249757	19.959	ug/l	96
85) sec-Butylbenzene	11.94	105	289841	19.841	ug/l	96
86) p-Isopropyltoluene	12.06	119	266627	19.965	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	139981	19.648	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	139195	19.382	ug/l	99
89) n-Butylbenzene	12.38	91	226594	19.712	ug/l	97
90) Hexachloroethane	12.59	117	51093	19.206	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	141170	20.382	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22925	19.350	ug/l	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97124	19.157	ug/l	100
94) Hexachlorobutadiene	13.78	225	43787	19.420	ug/l	99
95) Naphthalene	13.83	128	318130	19.933	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	97866	19.523	ug/l	100

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

