

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010113.D
 Acq On : 07 Jun 2019 17:03
 Operator : JC/SP
 Sample : VX0607MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:52:56 AM

Quant Time: Jun 08 03:11:45 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	310983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	425243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148940	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	144868	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	547459	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	202676	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63099	22.051	ug/l	99
3) Chloromethane	1.33	50	58269	20.504	ug/l	99
4) Vinyl Chloride	1.41	62	55471	20.769	ug/l	100
5) Bromomethane	1.64	94	25324	25.126	ug/l	99
6) Chloroethane	1.72	64	30482	22.636	ug/l	95
7) Trichlorofluoromethane	1.93	101	82640	20.830	ug/l	99
8) Diethyl Ether	2.19	74	28455	20.809	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54593	19.962	ug/l	91
10) Methyl Iodide	2.51	142	86407	20.392	ug/l	96
11) Tert butyl alcohol	3.04	59	77146	103.743	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55756	19.961	ug/l #	78
13) Acrolein	2.29	56	14601	107.683	ug/l	99
14) Allyl chloride	2.73	41	82323	19.524	ug/l #	88
15) Acrylonitrile	3.14	53	153722	101.136	ug/l	100
16) Acetone	2.45	43	135233	94.718	ug/l #	88
17) Carbon Disulfide	2.57	76	155380	19.251	ug/l	97
18) Methyl Acetate	2.78	43	61652	19.635	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	176999	19.724	ug/l	94
20) Methylene Chloride	2.85	84	61883	19.736	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	59359	19.202	ug/l #	80
22) Diisopropyl ether	3.86	45	161882	20.081	ug/l #	82
23) Vinyl Acetate	3.81	43	734131	102.080	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	96369	19.689	ug/l	94
25) 2-Butanone	4.67	43	217160	102.143	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	84025	18.817	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	69785	20.293	ug/l	79
28) Bromochloromethane	5.01	49	38218	17.422	ug/l #	46
29) Tetrahydrofuran	5.13	42	136415	102.098	ug/l #	74
30) Chloroform	5.21	83	99716	19.617	ug/l	100
31) Cyclohexane	5.58	56	90005	20.375	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	92459	19.348	ug/l	94
36) 1,1-Dichloropropene	5.80	75	75675	19.587	ug/l	93
37) Ethyl Acetate	4.83	43	79955	19.890	ug/l #	90
38) Carbon Tetrachloride	5.79	117	85369	19.521	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101893	19.368	ug/l #	85
40) Benzene	6.14	78	240115	20.098	ug/l	98
41) Methacrylonitrile	5.04	41	43048	19.796	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	73792	19.347	ug/l	94
43) Isopropyl Acetate	6.45	43	132540	19.719	ug/l #	88
44) Trichloroethene	7.21	130	70994	19.714	ug/l	88
45) 1,2-Dichloropropane	7.51	63	59488	19.894	ug/l	98
46) Dibromomethane	7.66	93	43069	19.225	ug/l	91
47) Bromodichloromethane	7.90	83	82769	19.773	ug/l #	96
48) Methyl methacrylate	7.77	41	64132	20.402	ug/l #	79
49) 1,4-Dioxane	7.74	88	36009	401.791	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	418957	104.340	ug/l	88
52) Toluene	8.79	92	156555	19.935	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	95037	19.628	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	101491	19.552	ug/l	89
55) 1,1,2-Trichloroethane	9.21	97	65061	20.229	ug/l	97
56) Ethyl methacrylate	9.18	69	102479	20.171	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	101052	19.957	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	236912	98.915	ug/l #	86
59) 2-Hexanone	9.49	43	333857	104.283	ug/l	88
60) Dibromochloromethane	9.58	129	75589	19.869	ug/l	100
61) 1,2-Dibromoethane	9.67	107	69919	19.519	ug/l	98
64) Tetrachloroethene	9.34	164	62410	19.760	ug/l	94
65) Chlorobenzene	10.13	112	175592	20.007	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	67740	20.070	ug/l	100
67) Ethyl Benzene	10.25	91	299213	20.026	ug/l	95
68) m/p-Xylenes	10.36	106	232411	40.198	ug/l	91
69) o-Xylene	10.69	106	113746	19.791	ug/l	91
70) Styrene	10.71	104	194583	19.990	ug/l	96
71) Bromoform	10.85	173	62107	20.016	ug/l #	98
73) Isopropylbenzene	11.02	105	299493	20.423	ug/l	95
74) N-amyl acetate	10.90	43	118856	20.503	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	103450	20.608	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	84675m	20.152	ug/l	
77) Bromobenzene	11.26	156	81255	20.149	ug/l	84
78) n-propylbenzene	11.36	91	327247	20.045	ug/l	94
79) 2-Chlorotoluene	11.42	91	196441	20.034	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	249458	20.197	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	38767	20.384	ug/l	85
82) 4-Chlorotoluene	11.51	91	226637	20.347	ug/l	93
83) tert-Butylbenzene	11.77	119	255820	20.463	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	250033	20.041	ug/l	96
85) sec-Butylbenzene	11.94	105	293716	20.166	ug/l	96
86) p-Isopropyltoluene	12.06	119	267155	20.064	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	142161	20.013	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	140517	19.624	ug/l	98
89) n-Butylbenzene	12.38	91	227821	19.877	ug/l	97
90) Hexachloroethane	12.60	117	51842	19.546	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	142136	20.583	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23809	20.156	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100829	19.947	ug/l	99
94) Hexachlorobutadiene	13.78	225	43901	19.528	ug/l	99
95) Naphthalene	13.83	128	321845	20.226	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	97204	19.449	ug/l	96

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

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