

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010854.D
 Acq On : 12 Jul 2019 22:39
 Operator : JC/SP
 Sample : VX0712MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 10:59:25 AM

Quant Time: Jul 13 05:43:02 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	203937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	92552	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	86230	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	8.71	98	316514	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
62) 4-Bromofluorobenzene	11.13	95	116368	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30285	21.360	ug/l	99
3) Chloromethane	1.33	50	32655	19.779	ug/l	96
4) Vinyl Chloride	1.41	62	35468	19.614	ug/l	98
5) Bromomethane	1.64	94	21066	23.912	ug/l	100
6) Chloroethane	1.72	64	22645	21.226	ug/l	99
7) Trichlorofluoromethane	1.93	101	61420	21.426	ug/l	100
8) Diethyl Ether	2.19	74	22298	21.691	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34551	19.889	ug/l	97
10) Methyl Iodide	2.51	142	35747	14.419	ug/l	98
11) Tert butyl alcohol	3.04	59	44171	88.282	ug/l	97
12) 1,1-Dichloroethene	2.37	96	34972	19.784	ug/l	97
13) Acrolein	2.29	56	35775	107.785	ug/l	99
14) Allyl chloride	2.73	41	48049	19.146	ug/l	97
15) Acrylonitrile	3.14	53	104093	105.080	ug/l	100
16) Acetone	2.44	43	84863	88.556	ug/l	97
17) Carbon Disulfide	2.57	76	76849	16.205	ug/l	98
18) Methyl Acetate	2.78	43	41239	21.592	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	113896	20.481	ug/l	100
20) Methylene Chloride	2.86	84	40111	20.339	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	36877	19.397	ug/l	97
22) Diisopropyl ether	3.86	45	109787	20.924	ug/l	89
23) Vinyl Acetate	3.81	43	465973	102.799	ug/l	98
24) 1,1-Dichloroethane	3.70	63	61828	20.385	ug/l	98
25) 2-Butanone	4.67	43	140139	99.694	ug/l	96
26) 2,2-Dichloropropane	4.58	77	40599	15.409	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	43421	19.764	ug/l	100
28) Bromochloromethane	5.02	49	26978	18.604	ug/l #	92
29) Tetrahydrofuran	5.13	42	90311	103.723	ug/l	98
30) Chloroform	5.21	83	67822	20.783	ug/l	97
31) Cyclohexane	5.58	56	54952	19.896	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	56049	19.452	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47906	19.607	ug/l	98
37) Ethyl Acetate	4.83	43	51911	20.653	ug/l	98
38) Carbon Tetrachloride	5.79	117	47126	17.812	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59180	18.427	ug/l	96
40) Benzene	6.14	78	150594	19.784	ug/l	97
41) Methacrylonitrile	5.05	41	28225	20.466	ug/l	98
42) 1,2-Dichloroethane	6.20	62	49596	21.405	ug/l	99
43) Isopropyl Acetate	6.45	43	81284	19.546	ug/l	99
44) Trichloroethene	7.21	130	43475	19.087	ug/l	95
45) 1,2-Dichloropropane	7.51	63	38570	20.065	ug/l	93
46) Dibromomethane	7.66	93	27115	19.661	ug/l	98
47) Bromodichloromethane	7.90	83	47021	18.604	ug/l	98
48) Methyl methacrylate	7.77	41	39561	20.466	ug/l	98
49) 1,4-Dioxane	7.74	88	24434	438.797	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	279256	104.996	ug/l	98
52) Toluene	8.78	92	99336	19.817	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47091	16.619	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	54604	17.732	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41170	19.914	ug/l	99
56) Ethyl methacrylate	9.18	69	61413	19.610	ug/l	97
57) 1,3-Dichloropropane	9.37	76	64719	20.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	132014	88.757	ug/l	100
59) 2-Hexanone	9.49	43	217828	104.061	ug/l	98
60) Dibromochloromethane	9.58	129	40323	17.420	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43986	19.712	ug/l	99
64) Tetrachloroethene	9.34	164	42194	18.534	ug/l	98
65) Chlorobenzene	10.13	112	110773	19.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38148	18.328	ug/l	100
67) Ethyl Benzene	10.25	91	188655	19.556	ug/l	100
68) m/p-Xylenes	10.36	106	146460	39.182	ug/l	99
69) o-Xylene	10.69	106	71100	19.342	ug/l	98
70) Styrene	10.71	104	121182	19.658	ug/l	98
71) Bromoform	10.85	173	28567	15.782	ug/l #	97
73) Isopropylbenzene	11.02	105	192755	19.554	ug/l	98
74) N-amyl acetate	10.90	43	73992	19.861	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	65483	20.058	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52458m	19.796	ug/l	
77) Bromobenzene	11.26	156	51682	18.776	ug/l	98
78) n-propylbenzene	11.36	91	208997	19.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	124258	19.261	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	158150	19.461	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14501	12.766	ug/l #	81
82) 4-Chlorotoluene	11.51	91	142812	19.454	ug/l	99
83) tert-Butylbenzene	11.77	119	155873	19.110	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	160171	19.618	ug/l	100
85) sec-Butylbenzene	11.94	105	185912	19.413	ug/l	99
86) p-Isopropyltoluene	12.06	119	168478	19.019	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89616	18.652	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	90055	18.411	ug/l	98
89) n-Butylbenzene	12.38	91	139104	18.480	ug/l	99
90) Hexachloroethane	12.60	117	23550	15.375	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	93096	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12903	18.332	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60277	18.202	ug/l	99
94) Hexachlorobutadiene	13.78	225	28965	17.896	ug/l	98
95) Naphthalene	13.83	128	192988	18.964	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62094	18.859	ug/l	99

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

