

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071819\
 Data File : VX010951.D
 Acq On : 18 Jul 2019 12:16
 Operator : JC/SP
 Sample : VX0718MBS01
 Misc : 5.0µl/10mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 12:03:29 PM

Quant Time: Jul 18 14:13:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 12:41:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115606	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	103410	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	394115	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	143249	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45878	20.291	ug/l	100
3) Chloromethane	1.33	50	41143	20.758	ug/l	97
4) Vinyl Chloride	1.41	62	42731	21.137	ug/l	98
5) Bromomethane	1.64	94	26859	23.576	ug/l	100
6) Chloroethane	1.72	64	27569	21.459	ug/l	100
7) Trichlorofluoromethane	1.93	101	71674	20.944	ug/l	99
8) Diethyl Ether	2.19	74	23355	19.808	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39896	20.418	ug/l	96
10) Methyl Iodide	2.51	142	48820	19.040	ug/l	97
11) Tert butyl alcohol	3.04	59	52700	98.690	ug/l	99
12) 1,1-Dichloroethene	2.37	96	39575	20.614	ug/l	94
13) Acrolein	2.29	56	22723	73.650	ug/l	100
14) Allyl chloride	2.73	41	55154	19.779	ug/l	96
15) Acrylonitrile	3.14	53	108650	100.691	ug/l	100
16) Acetone	2.45	43	97658	94.302	ug/l	95
17) Carbon Disulfide	2.57	76	95091	19.310	ug/l	99
18) Methyl Acetate	2.78	43	45741	19.398	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	123842	20.039	ug/l	99
20) Methylene Chloride	2.85	84	43560	19.848	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41217	20.234	ug/l	95
22) Diisopropyl ether	3.85	45	117844	20.037	ug/l	98
23) Vinyl Acetate	3.82	43	511900	102.726	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68102	19.939	ug/l	100
25) 2-Butanone	4.67	43	149060	100.285	ug/l	97
26) 2,2-Dichloropropane	4.59	77	53370	19.030	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	47157	20.003	ug/l	97
28) Bromochloromethane	5.01	49	27050	16.806	ug/l	91
29) Tetrahydrofuran	5.13	42	95143	101.048	ug/l	98
30) Chloroform	5.21	83	72343	19.595	ug/l	96
31) Cyclohexane	5.58	56	61031	19.604	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	63669	19.934	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52579	19.727	ug/l	98
37) Ethyl Acetate	4.83	43	55333	20.274	ug/l	99
38) Carbon Tetrachloride	5.79	117	53853	19.389	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67593	19.555	ug/l	96
40) Benzene	6.14	78	163349	20.007	ug/l	99
41) Methacrylonitrile	5.04	41	29309	18.917	ug/l	98
42) 1,2-Dichloroethane	6.19	62	55854	19.675	ug/l	97
43) Isopropyl Acetate	6.45	43	87502	19.498	ug/l	98
44) Trichloroethene	7.21	130	47666	19.723	ug/l	98
45) 1,2-Dichloropropane	7.51	63	40415	19.448	ug/l	99
46) Dibromomethane	7.66	93	30681	20.662	ug/l	95
47) Bromodichloromethane	7.90	83	52317	19.793	ug/l	98
48) Methyl methacrylate	7.77	41	42834	19.593	ug/l	97
49) 1,4-Dioxane	7.74	88	23663	386.945	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	293938	101.040	ug/l	97
52) Toluene	8.78	92	106108	19.783	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54588	19.206	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	62628	19.803	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43233	19.576	ug/l	98
56) Ethyl methacrylate	9.18	69	64510	19.970	ug/l	95
57) 1,3-Dichloropropane	9.37	76	69925	19.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	149723	97.092	ug/l	100
59) 2-Hexanone	9.49	43	230084	101.971	ug/l	96
60) Dibromochloromethane	9.58	129	44749	19.244	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46257	19.737	ug/l	99
64) Tetrachloroethene	9.34	164	46361	19.797	ug/l	97
65) Chlorobenzene	10.13	112	120488	19.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42534	19.793	ug/l	100
67) Ethyl Benzene	10.25	91	206639	19.855	ug/l	98
68) m/p-Xylenes	10.36	106	159381	39.924	ug/l	97
69) o-Xylene	10.69	106	76791	19.710	ug/l	97
70) Styrene	10.71	104	129404	19.924	ug/l	97
71) Bromoform	10.85	173	32523	18.324	ug/l #	100
73) Isopropylbenzene	11.02	105	207865	20.250	ug/l	98
74) N-amyl acetate	10.90	43	78822	20.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68468	20.382	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	63083m	22.395	ug/l	
77) Bromobenzene	11.26	156	56050	19.796	ug/l	97
78) n-propylbenzene	11.36	91	229287	20.216	ug/l	98
79) 2-Chlorotoluene	11.42	91	136781	20.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	173842	20.267	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	17659	19.001	ug/l #	84
82) 4-Chlorotoluene	11.51	91	158056	19.931	ug/l	100
83) tert-Butylbenzene	11.77	119	170512	20.238	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	175131	20.258	ug/l	99
85) sec-Butylbenzene	11.94	105	204075	20.672	ug/l	99
86) p-Isopropyltoluene	12.06	119	185348	20.308	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	97881	19.920	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	99218	19.678	ug/l	99
89) n-Butylbenzene	12.38	91	156896	20.094	ug/l	98
90) Hexachloroethane	12.60	117	26623	18.494	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	100117	20.558	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14170	20.180	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66615	20.184	ug/l	100
94) Hexachlorobutadiene	13.78	225	32664	19.972	ug/l	99
95) Naphthalene	13.83	128	201912	20.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	68033	20.718	ug/l	98

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

