

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004652.D
 Acq On : 18 Sep 2018 12:42
 Operator : JC/MD
 Sample : VX0918MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 12:51:10 PM

Quant Time: Sep 18 15:47:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133939	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
35) Dibromofluoromethane	5.50	113	119655	37.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.76%	
50) Toluene-d8	8.71	98	447249	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
62) 4-Bromofluorobenzene	11.14	95	161440	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.26%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	41198	19.210	ug/l	88
3) Chloromethane	1.32	50	53911	18.265	ug/l	99
4) Vinyl Chloride	1.40	62	56801	18.750	ug/l	98
5) Bromomethane	1.64	94	28542	21.836	ug/l	99
6) Chloroethane	1.72	64	35654	18.200	ug/l	96
7) Trichlorofluoromethane	1.93	101	73692	18.350	ug/l	95
8) Diethyl Ether	2.19	74	34670	19.257	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47785	18.757	ug/l	98
10) Methyl Iodide	2.51	142	44001	17.475	ug/l	97
11) Tert butyl alcohol	3.07	59	70461	100.078	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45311	18.950	ug/l	98
13) Acrolein	2.29	56	15371	55.306	ug/l	92
14) Allyl chloride	2.73	41	94975	19.321	ug/l	95
15) Acrylonitrile	3.15	53	160836	94.862	ug/l	97
16) Acetone	2.45	43	130414	90.557	ug/l	99
17) Carbon Disulfide	2.57	76	126226	18.264	ug/l	98
18) Methyl Acetate	2.78	43	80648	19.960	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	165187	19.689	ug/l	92
20) Methylene Chloride	2.85	84	54772	18.540	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	50541	19.129	ug/l	93
22) Diisopropyl ether	3.87	45	180354	20.371	ug/l	96
23) Vinyl Acetate	3.82	43	690483	96.373	ug/l	95
24) 1,1-Dichloroethane	3.69	63	94491	18.904	ug/l	98
25) 2-Butanone	4.70	43	202242	88.239	ug/l	98
26) 2,2-Dichloropropane	4.57	77	70495	20.533	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	56903	19.293	ug/l	98
28) Bromochloromethane	5.02	49	43075	18.840	ug/l	98
29) Tetrahydrofuran	5.15	42	136751	98.937	ug/l	96
30) Chloroform	5.21	83	93026	19.062	ug/l	93
31) Cyclohexane	5.57	56	79118	18.537	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	75655	19.249	ug/l	98
36) 1,1-Dichloropropene	5.79	75	66377	15.628	ug/l	98
37) Ethyl Acetate	4.85	43	77346	16.012	ug/l	100
38) Carbon Tetrachloride	5.78	117	67395	16.246	ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76891	17.349	ug/l #	87
40) Benzene	6.14	78	206506	16.387	ug/l	92
41) Methacrylonitrile	5.06	41	43736	16.433	ug/l	99
42) 1,2-Dichloroethane	6.20	62	68398	16.365	ug/l	100
43) Isopropyl Acetate	6.46	43	114785	17.891	ug/l	100
44) Trichloroethene	7.21	130	59943	18.309	ug/l	100
45) 1,2-Dichloropropane	7.52	63	52134	17.193	ug/l	95
46) Dibromomethane	7.66	93	33217	17.340	ug/l	98
47) Bromodichloromethane	7.90	83	61742	17.043	ug/l	95
48) Methyl methacrylate	7.77	41	54663	17.216	ug/l	98
49) 1,4-Dioxane	7.76	88	26878	357.653	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	360473	79.615	ug/l	99
52) Toluene	8.79	92	125052	16.843	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	68420	16.168	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	76733	17.788	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	51359	16.066	ug/l	99
56) Ethyl methacrylate	9.18	69	72860	16.110	ug/l	98
57) 1,3-Dichloropropane	9.37	76	84896	16.344	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	186768	85.970	ug/l	97
59) 2-Hexanone	9.50	43	278999	80.336	ug/l	97
60) Dibromochloromethane	9.59	129	50431	16.756	ug/l	100
61) 1,2-Dibromoethane	9.68	107	52311	17.129	ug/l	99
64) Tetrachloroethene	9.34	164	69565	19.124	ug/l	99
65) Chlorobenzene	10.14	112	142756	19.726	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	49585	19.869	ug/l	99
67) Ethyl Benzene	10.26	91	234905	19.962	ug/l	99
68) m/p-Xylenes	10.36	106	183922	40.575	ug/l	97
69) o-Xylene	10.70	106	88632	20.339	ug/l	100
70) Styrene	10.71	104	147808	20.473	ug/l	98
71) Bromoform	10.86	173	39306	19.182	ug/l	100
73) Isopropylbenzene	11.02	105	240083	20.683	ug/l	100
74) N-amyl acetate	10.90	43	93991	19.238	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	69706	18.618	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	69649m	19.642	ug/l	
77) Bromobenzene	11.26	156	65253	20.339	ug/l	100
78) n-propylbenzene	11.36	91	275119	20.614	ug/l	100
79) 2-Chlorotoluene	11.42	91	163122	20.152	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203100	20.814	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	21545	19.367	ug/l	99
82) 4-Chlorotoluene	11.51	91	189244	20.032	ug/l	99
83) tert-Butylbenzene	11.77	119	190059	20.459	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	208846	20.963	ug/l	99
85) sec-Butylbenzene	11.95	105	244908	20.688	ug/l	100
86) p-Isopropyltoluene	12.07	119	220074	21.052	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	119330	19.935	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	121887	19.706	ug/l	99
89) n-Butylbenzene	12.39	91	187716	19.705	ug/l	98
90) Hexachloroethane	12.60	117	32283	19.290	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	121994	20.135	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16065	20.095	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88482	20.625	ug/l	99
94) Hexachlorobutadiene	13.79	225	46832	20.899	ug/l	97
95) Naphthalene	13.83	128	262520	21.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	91391	20.736	ug/l	100

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

