

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100318\
 Data File : VX004952.D
 Acq On : 03 Oct 2018 07:33
 Operator : JC/MD
 Sample : VX1003MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1003MBSD01

Manual Integrations
 APPROVED

sam
 10/3/2018 5:57:20 PM

Quant Time: Oct 03 08:48:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193130	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182414	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
35) Dibromofluoromethane	5.50	113	146217	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.72	98	511392	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.14	95	186266	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	71483	22.294	ug/l	94
3) Chloromethane	1.33	50	78697	20.230	ug/l	98
4) Vinyl Chloride	1.41	62	77453	21.228	ug/l	97
5) Bromomethane	1.64	94	38933	17.995	ug/l	95
6) Chloroethane	1.72	64	48921	23.363	ug/l	98
7) Trichlorofluoromethane	1.93	101	99651	22.062	ug/l	97
8) Diethyl Ether	2.19	74	40523	20.651	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55171	21.443	ug/l	100
10) Methyl Iodide	2.51	142	47615	13.829	ug/l	90
11) Tert butyl alcohol	3.07	59	109892	116.993	ug/l	99
12) 1,1-Dichloroethene	2.37	96	54795	21.504	ug/l	96
13) Acrolein	2.30	56	19058	28.517	ug/l	91
14) Allyl chloride	2.73	41	114373	20.572	ug/l	97
15) Acrylonitrile	3.15	53	233229	112.793	ug/l	97
16) Acetone	2.45	43	207804	105.955	ug/l	99
17) Carbon Disulfide	2.57	76	145897	19.055	ug/l	99
18) Methyl Acetate	2.78	43	131687	26.502	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	193911	22.062	ug/l	95
20) Methylene Chloride	2.86	84	65998	22.686	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	56460	20.241	ug/l #	79
22) Diisopropyl ether	3.88	45	217240	23.204	ug/l #	88
23) Vinyl Acetate	3.82	43	930034	108.526	ug/l	95
24) 1,1-Dichloroethane	3.70	63	124110	22.224	ug/l	99
25) 2-Butanone	4.70	43	312353	108.046	ug/l #	88
26) 2,2-Dichloropropane	4.59	77	46207	11.882	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	64111	20.574	ug/l	98
28) Bromochloromethane	5.02	49	53692	20.416	ug/l	100
29) Tetrahydrofuran	5.16	42	199053	110.781	ug/l	99
30) Chloroform	5.22	83	114518	21.697	ug/l	93
31) Cyclohexane	5.59	56	100281	23.461	ug/l #	76
32) 1,1,1-Trichloroethane	5.50	97	94370	21.893	ug/l	94
36) 1,1-Dichloropropene	5.80	75	80230	20.142	ug/l	94
37) Ethyl Acetate	4.85	43	109982	20.801	ug/l	98
38) Carbon Tetrachloride	5.78	117	81386	19.437	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81106	19.941	ug/l	87
40) Benzene	6.14	78	245428	19.681	ug/l	95
41) Methacrylonitrile	5.07	41	60588	20.662	ug/l	93
42) 1,2-Dichloroethane	6.20	62	87341	19.812	ug/l	97
43) Isopropyl Acetate	6.46	43	158871	20.817	ug/l	99
44) Trichloroethene	7.21	130	64571	21.063	ug/l	96
45) 1,2-Dichloropropane	7.52	63	64340	21.039	ug/l	99
46) Dibromomethane	7.66	93	39918	20.770	ug/l	99
47) Bromodichloromethane	7.90	83	76719	21.321	ug/l	99
48) Methyl methacrylate	7.78	41	76754	22.158	ug/l	99
49) 1,4-Dioxane	7.76	88	36102	419.516	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	538019	111.966	ug/l	98
52) Toluene	8.79	92	143709	20.972	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74409	18.299	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	83665	19.644	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	62082	20.683	ug/l	95
56) Ethyl methacrylate	9.18	69	89630	20.211	ug/l	98
57) 1,3-Dichloropropane	9.37	76	101477	20.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	256014	107.593	ug/l	99
59) 2-Hexanone	9.49	43	419335	104.722	ug/l	93
60) Dibromochloromethane	9.59	129	60711	20.225	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62131	19.328	ug/l	95
64) Tetrachloroethene	9.34	164	67203	21.092	ug/l	96
65) Chlorobenzene	10.14	112	161204	19.419	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	57668	19.760	ug/l	99
67) Ethyl Benzene	10.26	91	261989	19.879	ug/l	96
68) m/p-Xylenes	10.36	106	207176	40.228	ug/l	94
69) o-Xylene	10.70	106	99239	20.979	ug/l	99
70) Styrene	10.71	104	167691	20.283	ug/l	100
71) Bromoform	10.86	173	48725	19.502	ug/l #	97
73) Isopropylbenzene	11.02	105	267747	21.995	ug/l	99
74) N-amyl acetate	10.90	43	127539	20.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	98477	19.873	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89490m	20.673	ug/l	
77) Bromobenzene	11.26	156	74127	20.965	ug/l	99
78) n-propylbenzene	11.36	91	306465	21.942	ug/l	99
79) 2-Chlorotoluene	11.42	91	187579	21.546	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	227367	20.261	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21637	15.078	ug/l	98
82) 4-Chlorotoluene	11.51	91	219467	21.417	ug/l	100
83) tert-Butylbenzene	11.77	119	217563	21.707	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	235520	20.352	ug/l	99
85) sec-Butylbenzene	11.94	105	264720	21.684	ug/l	100
86) p-Isopropyltoluene	12.07	119	236656	21.397	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	133853	20.273	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136024	19.958	ug/l	98
89) n-Butylbenzene	12.39	91	201803	20.090	ug/l	99
90) Hexachloroethane	12.60	117	36366	19.748	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	135807	19.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22203	20.407	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96848	20.010	ug/l	99
94) Hexachlorobutadiene	13.79	225	47484	18.919	ug/l	99
95) Naphthalene	13.83	128	310703	19.782	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100798	20.160	ug/l	100

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

