

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100818\
 Data File : VN051734.D
 Acq On : 8 Oct 2018 14:34
 Operator : MD\SY
 Sample : J5165-08MSD 10X
 Misc : 5.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 11:48:38 AM

Quant Time: Oct 09 05:11:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	658572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	998461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	971113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	574234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	425083	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	7.59	113	393329	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
50) Toluene-d8	10.09	98	1487322	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	544517	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	439398	53.272	ug/l	99
3) Chloromethane	2.06	50	354875	47.218	ug/l	99
4) Vinyl Chloride	2.18	62	544752	46.013	ug/l	100
5) Bromomethane	2.54	94	426039	46.794	ug/l	99
6) Chloroethane	2.69	64	364785	45.845	ug/l	99
7) Trichlorofluoromethane	3.00	101	938835	76.897	ug/l	99
8) Diethyl Ether	3.41	74	173336	50.242	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	323075	49.097	ug/l	98
10) Methyl Iodide	3.95	142	416009	47.918	ug/l	99
11) Tert butyl alcohol	4.80	59	153112	258.956	ug/l	98
12) 1,1-Dichloroethene	3.73	96	294049	47.945	ug/l	98
13) Acrolein	3.61	56	80071	216.764	ug/l	98
14) Allyl chloride	4.32	41	414480	44.310	ug/l	98
15) Acrylonitrile	4.99	53	511701	250.792	ug/l	99
16) Acetone	3.82	43	360024	247.083	ug/l	99
17) Carbon Disulfide	4.05	76	822102	44.099	ug/l	100
18) Methyl Acetate	4.33	43	258553	53.842	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	981210	48.469	ug/l	99
20) Methylene Chloride	4.55	84	339328	47.406	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	345941	47.600	ug/l	93
22) Diisopropyl ether	5.96	45	922271	45.995	ug/l	97
23) Vinyl Acetate	5.90	43	3427542	232.477	ug/l	96
24) 1,1-Dichloroethane	5.85	63	589889	45.742	ug/l	99
25) 2-Butanone	6.84	43	597977	238.024	ug/l	98
26) 2,2-Dichloropropane	6.83	77	539042	41.711	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	401463	47.584	ug/l	95
28) Bromochloromethane	7.20	49	258057	45.200	ug/l	90
29) Tetrahydrofuran	7.22	42	390788	253.481	ug/l	93
30) Chloroform	7.37	83	696719	48.085	ug/l	97
31) Cyclohexane	7.66	56	530748	44.939	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	677520	48.242	ug/l	98
36) 1,1-Dichloropropene	7.79	75	506467	48.529	ug/l	98
37) Ethyl Acetate	6.93	43	270713	49.735	ug/l	98
38) Carbon Tetrachloride	7.78	117	626986	50.067	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	650176	49.630	ug/l	97
40) Benzene	8.04	78	1542405	49.854	ug/l	99
41) Methacrylonitrile	7.18	41	145377m	51.848	ug/l	
42) 1,2-Dichloroethane	8.13	62	510872	48.998	ug/l	99
43) Isopropyl Acetate	8.17	43	563811	49.682	ug/l #	86
44) Trichloroethene	8.84	130	445115	50.670	ug/l	99
45) 1,2-Dichloropropane	9.12	63	367183	48.003	ug/l	99
46) Dibromomethane	9.21	93	273254	51.394	ug/l	98
47) Bromodichloromethane	9.40	83	575476	49.168	ug/l	99
48) Methyl methacrylate	9.20	41	261617	50.451	ug/l	97
49) 1,4-Dioxane	9.20	88	85969	1105.618	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1470724	255.753	ug/l	98
52) Toluene	10.16	92	1056585	51.347	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	588664	48.742	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	612348	47.747	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	383650	52.337	ug/l	98
56) Ethyl methacrylate	10.43	69	487418	52.580	ug/l	96
57) 1,3-Dichloropropane	10.71	76	597235	51.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	993127	258.861	ug/l	96
59) 2-Hexanone	10.75	43	992069	254.026	ug/l	100
60) Dibromochloromethane	10.90	129	500115	52.134	ug/l	100
61) 1,2-Dibromoethane	11.01	107	415222	53.582	ug/l	100
64) Tetrachloroethene	10.63	164	440438	51.407	ug/l	99
65) Chlorobenzene	11.44	112	1218245	50.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	482024	50.053	ug/l	98
67) Ethyl Benzene	11.51	91	2071613	49.833	ug/l	100
68) m/p-Xylenes	11.62	106	1685199	101.315	ug/l	99
69) o-Xylene	11.95	106	830753	50.928	ug/l	97
70) Styrene	11.96	104	1328124	51.096	ug/l	98
71) Bromoform	12.13	173	362273	50.576	ug/l #	98
73) Isopropylbenzene	12.25	105	2232496	45.608	ug/l	100
74) N-amyl acetate	12.07	43	504203	49.826	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	490001	51.766	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	433909m	61.781	ug/l	
77) Bromobenzene	12.53	156	565079	47.213	ug/l	96
78) n-propylbenzene	12.59	91	2477611	46.406	ug/l	100
79) 2-Chlorotoluene	12.68	91	1435386	45.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1926762	46.707	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	140274	44.903	ug/l	100
82) 4-Chlorotoluene	12.77	91	1459095	46.159	ug/l	97
83) tert-Butylbenzene	12.99	119	1757053	47.535	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	2132943	51.620	ug/l	98
85) sec-Butylbenzene	13.17	105	2332170	47.698	ug/l	99
86) p-Isopropyltoluene	13.29	119	2125559	49.037	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1051782	50.431	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1017776	49.579	ug/l	99
89) n-Butylbenzene	13.62	91	1692892	49.396	ug/l	99
90) Hexachloroethane	13.88	117	398944	46.130	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1037190	50.026	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	82885	48.202	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	504437	54.677	ug/l	100
94) Hexachlorobutadiene	15.01	225	329186	52.590	ug/l	99
95) Naphthalene	15.13	128	1067987	53.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	484778	53.354	ug/l	99

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

