

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051782.D
 Acq On : 10 Oct 2018 11:37
 Operator : MD\SY
 Sample : J5165-08MSD 10X
 Misc : 5.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 28

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

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:51:14 PM

Quant Time: Oct 11 02:18:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	674554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	999575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	955902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	550624	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	415563	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	7.59	113	401125	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.09	98	1468722	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	528419	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	376302	44.730	ug/l	98
3) Chloromethane	2.06	50	329391	42.789	ug/l	99
4) Vinyl Chloride	2.18	62	511546	42.184	ug/l	99
5) Bromomethane	2.55	94	442566	47.457	ug/l	98
6) Chloroethane	2.69	64	353651	43.392	ug/l	99
7) Trichlorofluoromethane	3.00	101	695411	55.225	ug/l	99
8) Diethyl Ether	3.41	74	178865	50.617	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	334475	49.626	ug/l	97
10) Methyl Iodide	3.95	142	470202	52.635	ug/l	100
11) Tert butyl alcohol	4.80	59	155979	257.554	ug/l	99
12) 1,1-Dichloroethene	3.73	96	305096	48.568	ug/l	92
13) Acrolein	3.61	56	53694	130.919	ug/l	98
14) Allyl chloride	4.32	41	411808	42.981	ug/l	97
15) Acrylonitrile	4.99	53	536058	256.505	ug/l	99
16) Acetone	3.82	43	376797	252.915	ug/l	98
17) Carbon Disulfide	4.05	76	793715	41.567	ug/l	98
18) Methyl Acetate	4.33	43	274120	55.732	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	1019042	49.145	ug/l	98
20) Methylene Chloride	4.55	84	364660	49.738	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	360831	48.472	ug/l	92
22) Diisopropyl ether	5.96	45	921027	44.845	ug/l	95
23) Vinyl Acetate	5.90	43	3351826	221.955	ug/l	94
24) 1,1-Dichloroethane	5.85	63	619191	46.877	ug/l	99
25) 2-Butanone	6.84	43	617100	239.817	ug/l	95
26) 2,2-Dichloropropane	6.82	77	616625	46.584	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	441871	51.133	ug/l	93
28) Bromochloromethane	7.19	49	253508	43.351	ug/l	82
29) Tetrahydrofuran	7.21	42	392226	248.386	ug/l	92
30) Chloroform	7.37	83	742110	50.004	ug/l	96
31) Cyclohexane	7.65	56	523099	43.242	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	713629	49.609	ug/l	97
36) 1,1-Dichloropropene	7.79	75	519954	49.766	ug/l	97
37) Ethyl Acetate	6.93	43	274309	50.340	ug/l	97
38) Carbon Tetrachloride	7.78	117	642081	51.215	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	657284	50.116	ug/l	95
40) Benzene	8.04	78	1561959	50.430	ug/l	98
41) Methacrylonitrile	7.18	41	134684	47.959	ug/l #	85
42) 1,2-Dichloroethane	8.13	62	526398	50.430	ug/l	99
43) Isopropyl Acetate	8.17	43	555653	48.908	ug/l #	86
44) Trichloroethene	8.84	130	470901	53.545	ug/l	99
45) 1,2-Dichloropropane	9.12	63	367542	47.996	ug/l	99
46) Dibromomethane	9.21	93	284766	53.500	ug/l	98
47) Bromodichloromethane	9.40	83	592801	50.592	ug/l	99
48) Methyl methacrylate	9.20	41	261226	50.319	ug/l	95
49) 1,4-Dioxane	9.20	88	93278	1198.279	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1464471	254.382	ug/l	97
52) Toluene	10.16	92	1071404	52.009	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	593937	49.124	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	634006	49.381	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	393451	53.615	ug/l	98
56) Ethyl methacrylate	10.43	69	491519	52.964	ug/l	94
57) 1,3-Dichloropropane	10.71	76	617963	53.205	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	969099	252.316	ug/l	95
59) 2-Hexanone	10.75	43	986091	252.214	ug/l	97
60) Dibromochloromethane	10.90	129	503271	52.405	ug/l	99
61) 1,2-Dibromoethane	11.01	107	421513	54.334	ug/l	98
64) Tetrachloroethene	10.63	164	455484	54.009	ug/l	99
65) Chlorobenzene	11.43	112	1249950	52.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	485248	51.190	ug/l	98
67) Ethyl Benzene	11.51	91	2116175	51.715	ug/l	100
68) m/p-Xylenes	11.62	106	1714922	104.742	ug/l	98
69) o-Xylene	11.95	106	845891	52.681	ug/l	98
70) Styrene	11.96	104	1345145	52.574	ug/l	98
71) Bromoform	12.13	173	349242	49.532	ug/l #	98
73) Isopropylbenzene	12.25	105	2281834	48.614	ug/l	100
74) N-amyl acetate	12.07	43	493093	50.887	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	501855	55.577	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	407449m	60.408	ug/l	
77) Bromobenzene	12.53	156	573528	49.973	ug/l	95
78) n-propylbenzene	12.59	91	2501409	48.860	ug/l	100
79) 2-Chlorotoluene	12.68	91	1462946	48.487	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1927440	48.727	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	135582	45.263	ug/l	98
82) 4-Chlorotoluene	12.77	91	1485607	49.013	ug/l	99
83) tert-Butylbenzene	12.99	119	1776125	50.111	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	2136502	53.923	ug/l	99
85) sec-Butylbenzene	13.17	105	2376458	50.688	ug/l	100
86) p-Isopropyltoluene	13.29	119	2152014	51.776	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1066210	53.315	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1027550	52.202	ug/l	99
89) n-Butylbenzene	13.62	91	1715881	52.213	ug/l	99
90) Hexachloroethane	13.88	117	386326	46.586	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1045030	52.566	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	81945	49.699	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	515792	58.305	ug/l	99
94) Hexachlorobutadiene	15.01	225	332934	55.469	ug/l	98
95) Naphthalene	15.14	128	1064386	55.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	500350	57.429	ug/l	100

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

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