

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062107.D
 Acq On : 25 Jun 2020 13:40
 Operator : JC/MD
 Sample : L3020-19MSD
 Misc : 5.86g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:01:07 PM

Quant Time: Jun 26 04:35:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	271327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269326	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	211130	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	
35) Dibromofluoromethane	7.54	113	162190	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.06	98	720385	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.38	95	295536	67.19	ug/l	0.00
Spiked Amount			Recovery	=	134.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	144441	47.097	ug/l	98
3) Chloromethane	2.04	50	214952	59.796	ug/l	98
4) Vinyl Chloride	2.16	62	232521	48.144	ug/l	100
5) Bromomethane	2.48	94	33577	10.757	ug/l	97
6) Chloroethane	2.62	64	18514	5.612	ug/l	92
7) Trichlorofluoromethane	2.92	101	318681	53.549	ug/l	100
8) Diethyl Ether	3.36	74	116074	55.857	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.68	101	139041	44.615	ug/l	99
10) Methyl Iodide	3.88	142	149635	42.634	ug/l	99
11) Tert butyl alcohol	4.82	59	157085m	287.338	ug/l	
12) 1,1-Dichloroethene	3.66	96	157241	50.471	ug/l	99
13) Acrolein	3.56	56	124870	233.296	ug/l	99
14) Allyl chloride	4.26	41	222712	52.505	ug/l	99
15) Acrylonitrile	4.93	53	408483	274.195	ug/l	99
16) Acetone	3.78	43	330259	276.764	ug/l	96
17) Carbon Disulfide	3.98	76	458463	51.375	ug/l	99
18) Methyl Acetate	4.27	43	179562	59.323	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	544417	54.686	ug/l	95
20) Methylene Chloride	4.49	84	183059	52.382	ug/l	94
21) trans-1,2-Dichloroethene	4.97	96	169349	47.715	ug/l	92
22) Diisopropyl ether	5.90	45	527713	54.640	ug/l	98
23) Vinyl Acetate	5.84	43	2221151	281.687	ug/l	98
24) 1,1-Dichloroethane	5.79	63	310571	49.938	ug/l	99
25) 2-Butanone	6.79	43	487996	262.206	ug/l	96
26) 2,2-Dichloropropane	6.77	77	152411	29.409	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	193118	48.355	ug/l	97
28) Bromochloromethane	7.15	49	131311	48.663	ug/l	95
29) Tetrahydrofuran	7.17	42	331858	272.211	ug/l	99
30) Chloroform	7.32	83	308693	48.786	ug/l	98
31) Cyclohexane	7.60	56	309472	58.828	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	253925	47.586	ug/l	99
36) 1,1-Dichloropropene	7.75	75	228692	44.815	ug/l	99
37) Ethyl Acetate	6.88	43	219098	51.850	ug/l	99
38) Carbon Tetrachloride	7.72	117	209398	43.525	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	600624	107.421	ug/l	97
40) Benzene	7.99	78	715770	46.019	ug/l	98
41) Methacrylonitrile	7.12	41	78877	40.264	ug/l	86
42) 1,2-Dichloroethane	8.08	62	245947	46.802	ug/l	96
43) Isopropyl Acetate	8.13	43	430845	62.547	ug/l #	92
44) Trichloroethene	8.80	130	171077	43.603	ug/l	99
45) 1,2-Dichloropropane	9.08	63	186304	48.552	ug/l	99
46) Dibromomethane	9.17	93	118859	45.686	ug/l	98
47) Bromodichloromethane	9.37	83	266296	50.693	ug/l	99
48) Methyl methacrylate	9.17	41	179342	58.066	ug/l	84
49) 1,4-Dioxane	9.17	88	63794	931.400	ug/l #	89
51) 4-Methyl-2-Pentanone	9.96	43	1145657	284.664	ug/l	97
52) Toluene	10.12	92	469612	49.484	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	269276	46.593	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	286209	46.516	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	153311	41.097	ug/l #	85
56) Ethyl methacrylate	10.40	69	316173	63.508	ug/l	87
57) 1,3-Dichloropropane	10.68	76	317493	49.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	614105	287.165	ug/l	99
59) 2-Hexanone	10.73	43	758180	260.888	ug/l	99
60) Dibromochloromethane	10.87	129	187653	47.512	ug/l	97
61) 1,2-Dibromoethane	10.98	107	189809	49.518	ug/l #	76
64) Tetrachloroethene	10.60	164	140959	41.010	ug/l	97
65) Chlorobenzene	11.41	112	497941	45.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	177097	46.349	ug/l	99
67) Ethyl Benzene	11.48	91	2293003	122.870	ug/l	100
68) m/p-Xylenes	11.60	106	1054882	146.143	ug/l	97
69) o-Xylene	11.92	106	352742	51.795	ug/l	97
70) Styrene	11.94	104	609018	53.620	ug/l	98
71) Bromoform	12.10	173	130626	48.083	ug/l #	98
73) Isopropylbenzene	12.22	105	1350200	64.764	ug/l	100
74) N-amyl acetate	12.05	43	255548	34.415	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.48	83	284609	41.024	ug/l	85
76) 1,2,3-Trichloropropane	12.53	75	258144m	40.716	ug/l	
77) Bromobenzene	12.50	156	243739	47.091	ug/l	91
78) n-propylbenzene	12.57	91	3075247	128.957	ug/l	99
79) 2-Chlorotoluene	12.65	91	829091	57.509	ug/l	85
80) 1,3,5-Trimethylbenzene	12.71	105	2962005	175.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	82190	37.858	ug/l #	77
82) 4-Chlorotoluene	12.75	91	683222	45.828	ug/l	100
83) tert-Butylbenzene	12.97	119	671422	46.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	5982287	354.417	ug/l	80
85) sec-Butylbenzene	13.15	105	1192881	62.416	ug/l	88
86) p-Isopropyltoluene	13.26	119	974400	58.193	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	409714	45.079	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	411273	43.898	ug/l	98
89) n-Butylbenzene	13.59	91	1689688m	121.379	ug/l	
90) Hexachloroethane	13.86	117	391113	119.053	ug/l #	48
91) 1,2-Dichlorobenzene	13.63	146	416381	47.244	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.24	75	91982	82.764	ug/l	71

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93) 1,2,4-Trichlorobenzene	14.88	180	266563	69.234	ug/l #	74
94) Hexachlorobutadiene	14.98	225	99585	59.551	ug/l	99
95) Naphthalene	15.10	128	3420321	249.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	264854	67.275	ug/l #	84

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

