

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062106.D
 Acq On : 25 Jun 2020 13:16
 Operator : JC/MD
 Sample : L3020-18MS
 Misc : 5.10µL/5.0mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:01:04 PM

Quant Time: Jun 26 05:07:11 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	259712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	492621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	540805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	286329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	189757	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	7.54	113	152323	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.06	98	790283	62.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.12%	
62) 4-Bromofluorobenzene	12.37	95	374458	87.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	143604	48.918	ug/l	96
3) Chloromethane	2.03	50	204824	59.520	ug/l	98
4) Vinyl Chloride	2.16	62	226326	48.957	ug/l	100
5) Bromomethane	2.48	94	31889	10.673	ug/l	99
6) Chloroethane	2.61	64	24195	7.661	ug/l	99
7) Trichlorofluoromethane	2.92	101	317432	55.725	ug/l	99
8) Diethyl Ether	3.36	74	110574	55.590	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.68	101	140139	46.979	ug/l	99
10) Methyl Iodide	3.88	142	147248	43.830	ug/l	98
11) Tert butyl alcohol	4.81	59	145200m	277.476	ug/l	
12) 1,1-Dichloroethene	3.66	96	154733	51.887	ug/l	99
13) Acrolein	3.56	56	115411	225.267	ug/l	97
14) Allyl chloride	4.25	41	212779	52.407	ug/l	99
15) Acrylonitrile	4.93	53	383660	269.050	ug/l	98
16) Acetone	3.78	43	309003	270.439	ug/l	97
17) Carbon Disulfide	3.98	76	450333	52.719	ug/l	100
18) Methyl Acetate	4.27	43	167516	57.819	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	519965	54.566	ug/l	# 84
20) Methylene Chloride	4.49	84	184200	55.077	ug/l	97
21) trans-1,2-Dichloroethene	4.97	96	167853	49.409	ug/l	94
22) Diisopropyl ether	5.90	45	497948	53.864	ug/l	98
23) Vinyl Acetate	5.83	43	2069790	274.231	ug/l	99
24) 1,1-Dichloroethane	5.78	63	302132	50.754	ug/l	100
25) 2-Butanone	6.79	43	456809	256.426	ug/l	98
26) 2,2-Dichloropropane	6.76	77	151081	30.456	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	191280	50.037	ug/l	96
28) Bromochloromethane	7.14	49	128036	49.572	ug/l	94
29) Tetrahydrofuran	7.17	42	312364	267.679	ug/l	99
30) Chloroform	7.32	83	316123	52.194	ug/l	98
31) Cyclohexane	7.60	56	449607	89.289	ug/l	91
32) 1,1,1-Trichloroethane	7.52	97	248538	48.659	ug/l	99
36) 1,1-Dichloropropene	7.74	75	229725	46.394	ug/l	98
37) Ethyl Acetate	6.88	43	197811	48.245	ug/l	99
38) Carbon Tetrachloride	7.72	117	206682	44.274	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	1455106	268.204	ug/l	97
40) Benzene	8.00	78	702863	46.571	ug/l	98
41) Methacrylonitrile	7.12	41	71363	37.542	ug/l #	63
42) 1,2-Dichloroethane	8.08	62	236827	46.445	ug/l	82
43) Isopropyl Acetate	8.13	43	519640	77.745	ug/l #	85
44) Trichloroethene	8.80	130	173491	45.571	ug/l	99
45) 1,2-Dichloropropane	9.08	63	196529	52.783	ug/l	99
46) Dibromomethane	9.17	93	120747	47.831	ug/l	98
47) Bromodichloromethane	9.37	83	310257	60.868	ug/l	95
48) Methyl methacrylate	9.17	41	157288	52.484	ug/l	91
49) 1,4-Dioxane	9.17	88	62493	940.311	ug/l #	78
51) 4-Methyl-2-Pentanone	9.96	43	1308508	335.073	ug/l	94
52) Toluene	10.12	92	498103	54.091	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	290599	51.820	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	291460	48.818	ug/l #	88
55) 1,1,2-Trichloroethane	10.50	97	754785	208.516	ug/l #	22
56) Ethyl methacrylate	10.40	69	342793	70.961	ug/l #	68
57) 1,3-Dichloropropane	10.68	76	331791	53.252	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	580654	280.239	ug/l	99
59) 2-Hexanone	10.72	43	709706	251.678	ug/l	89
60) Dibromochloromethane	10.87	129	198903	51.901	ug/l	98
61) 1,2-Dibromoethane	10.98	107	205143	55.155	ug/l #	34
64) Tetrachloroethene	10.60	164	152221	41.205	ug/l	97
65) Chlorobenzene	11.41	112	568757	47.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	193078	47.016	ug/l	100
67) Ethyl Benzene	11.48	91	4414235	220.080	ug/l	90
68) m/p-Xylenes	11.60	106	1550277	199.833	ug/l	99
69) o-Xylene	11.92	106	389037	53.150	ug/l	93
70) Styrene	11.94	104	669218	54.821	ug/l	96
71) Bromoform	12.10	173	139839	47.893	ug/l #	99
73) Isopropylbenzene	12.22	105	2085854	94.109	ug/l	100
74) N-amyl acetate	12.04	43	220902m	28.608	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.48	83	287844	39.026	ug/l #	59
76) 1,2,3-Trichloropropane	12.53	75	292055m	43.329	ug/l	
77) Bromobenzene	12.50	156	395184	71.817	ug/l	54
78) n-propylbenzene	12.56	91	5100826	201.196	ug/l	90
79) 2-Chlorotoluene	12.65	91	1057952	69.026	ug/l	79
80) 1,3,5-Trimethylbenzene	12.71	105	4502841	250.611	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.27	75	88235	38.229	ug/l #	72
82) 4-Chlorotoluene	12.75	91	744562	46.977	ug/l	98
83) tert-Butylbenzene	12.97	119	694149	45.143	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	7594348	423.204	ug/l	67
85) sec-Butylbenzene	13.15	105	1555062	76.535	ug/l	81
86) p-Isopropyltoluene	13.26	119	1160051	65.167	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	437907	45.320	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	439701	44.145	ug/l	96
89) n-Butylbenzene	13.59	91	2623525m	177.270	ug/l	
90) Hexachloroethane	13.86	117	660524	189.122	ug/l #	35
91) 1,2-Dichlorobenzene	13.63	146	444039	47.390	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.24	75	108465	91.799	ug/l	61

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	275356	67.270	ug/l #	44
94) Hexachlorobutadiene	14.98	225	97367	54.767	ug/l	97
95) Naphthalene	15.10	128	4639404	316.770	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	269726	64.444	ug/l #	85

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

