

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063335.D
 Acq On : 14 Sep 2020 12:08
 Operator : JC/MD
 Sample : VN0914MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 1:59:01 PM

Quant Time: Sep 15 05:34:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	460251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	795830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	728480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	365736	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.55	113	268778	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.06	98	1032097	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.38	95	375486	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	78084	17.665	ug/l	99
3) Chloromethane	2.04	50	113870	18.118	ug/l	99
4) Vinyl Chloride	2.16	62	111042	17.756	ug/l	97
5) Bromomethane	2.54	94	77962	17.868	ug/l	97
6) Chloroethane	2.68	64	73888	18.062	ug/l	99
7) Trichlorofluoromethane	2.99	101	175918	18.191	ug/l	98
8) Diethyl Ether	3.37	74	64582	18.729	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	91748	18.159	ug/l	98
10) Methyl Iodide	3.91	142	120426	18.387	ug/l	99
11) Tert butyl alcohol	4.72	59	94584	98.931	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	90431	17.930	ug/l	97
13) Acrolein	3.57	56	48989	114.250	ug/l	99
14) Allyl chloride	4.28	41	180512	17.435	ug/l	99
15) Acrylonitrile	4.93	53	249337	95.385	ug/l	99
16) Acetone	3.77	43	217463	87.092	ug/l	97
17) Carbon Disulfide	4.01	76	260078	17.764	ug/l	98
18) Methyl Acetate	4.28	43	120868	19.256	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	335881	18.637	ug/l	99
20) Methylene Chloride	4.50	84	111867	18.885	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	100131	17.741	ug/l	100
22) Diisopropyl ether	5.90	45	379657	18.633	ug/l	95
23) Vinyl Acetate	5.84	43	1567430	97.732	ug/l	99
24) 1,1-Dichloroethane	5.80	63	205414	18.616	ug/l	99
25) 2-Butanone	6.78	43	350691	95.078	ug/l	97
26) 2,2-Dichloropropane	6.78	77	171068	17.688	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	117983	17.936	ug/l	98
28) Bromochloromethane	7.15	49	101508	18.971	ug/l	99
29) Tetrahydrofuran	7.17	42	228301	95.058	ug/l	98
30) Chloroform	7.33	83	200689	18.165	ug/l	97
31) Cyclohexane	7.61	56	184107	18.153	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	176887	18.367	ug/l	98
36) 1,1-Dichloropropene	7.75	75	151387	18.506	ug/l	100
37) Ethyl Acetate	6.88	43	154748	19.229	ug/l	99
38) Carbon Tetrachloride	7.73	117	148956	18.502	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	161982	18.151	ug/l	99
40) Benzene	8.00	78	441159	18.882	ug/l	100
41) Methacrylonitrile	7.12	41	68929	18.935	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	173499	19.572	ug/l	99
43) Isopropyl Acetate	8.13	43	259213	19.019	ug/l	99
44) Trichloroethene	8.80	130	114068	18.669	ug/l	97
45) 1,2-Dichloropropane	9.08	63	123165	19.218	ug/l	98
46) Dibromomethane	9.17	93	80422	19.352	ug/l	99
47) Bromodichloromethane	9.37	83	163887	18.923	ug/l	98
48) Methyl methacrylate	9.17	41	125833	19.350	ug/l	98
49) 1,4-Dioxane	9.16	88	36184	359.374	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	769909	102.506	ug/l	99
52) Toluene	10.12	92	273866	19.198	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	181566	19.225	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	192630	18.944	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	108191	19.355	ug/l	96
56) Ethyl methacrylate	10.40	69	167926	19.755	ug/l	97
57) 1,3-Dichloropropane	10.68	76	190314	19.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	395335	86.705	ug/l	99
59) 2-Hexanone	10.72	43	555472	100.278	ug/l	99
60) Dibromochloromethane	10.87	129	117545	19.150	ug/l	100
61) 1,2-Dibromoethane	10.98	107	112484	19.303	ug/l	99
64) Tetrachloroethene	10.60	164	112386	18.832	ug/l	98
65) Chlorobenzene	11.41	112	287224	18.314	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	107044	18.734	ug/l	98
67) Ethyl Benzene	11.48	91	521551	18.524	ug/l	98
68) m/p-Xylenes	11.60	106	383869	36.859	ug/l	100
69) o-Xylene	11.92	106	189569	18.967	ug/l	95
70) Styrene	11.94	104	308695	18.584	ug/l	100
71) Bromoform	12.10	173	74285	18.796	ug/l #	100
73) Isopropylbenzene	12.22	105	497438	18.697	ug/l	99
74) N-amyl acetate	12.05	43	212449	19.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	149689	19.645	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	141578m	19.456	ug/l	
77) Bromobenzene	12.50	156	116147	18.992	ug/l	99
78) n-propylbenzene	12.57	91	582391	19.269	ug/l	100
79) 2-Chlorotoluene	12.65	91	346083	18.623	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	422137	19.109	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	51734	19.102	ug/l	97
82) 4-Chlorotoluene	12.75	91	359166	18.437	ug/l	99
83) tert-Butylbenzene	12.97	119	341223	18.213	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	425391	19.104	ug/l	100
85) sec-Butylbenzene	13.15	105	450734	18.909	ug/l	100
86) p-Isopropyltoluene	13.26	119	411863	18.847	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	206036	18.429	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	205656	18.597	ug/l	98
89) n-Butylbenzene	13.59	91	362364	18.369	ug/l	99
90) Hexachloroethane	13.85	117	70567	19.632	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	204909	18.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33012	19.053	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	109654	16.953	ug/l	99
94) Hexachlorobutadiene	14.98	225	43778	17.964	ug/l	98
95) Naphthalene	15.10	128	337193	16.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	105327	17.599	ug/l	100

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

