

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063346.D
 Acq On : 14 Sep 2020 16:31
 Operator : JC/MD
 Sample : VN0914MBSD01
 Misc : 5.00µl/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 12:15:41 PM

Quant Time: Sep 15 07:55:39 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	7.63	168	431757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	780598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	694638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	308279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	325626	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	237405	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.06	98	907592	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	12.38	95	320597	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	68539	16.529	ug/l	99
3) Chloromethane	2.04	50	103268	17.430	ug/l	98
4) Vinyl Chloride	2.16	62	102851	17.532	ug/l	99
5) Bromomethane	2.54	94	67700	16.540	ug/l	100
6) Chloroethane	2.67	64	67850	17.680	ug/l	96
7) Trichlorofluoromethane	2.99	101	151876	16.741	ug/l	99
8) Diethyl Ether	3.37	74	58785	18.172	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	79580	16.790	ug/l	97
10) Methyl Iodide	3.91	142	112849	18.367	ug/l	99
11) Tert butyl alcohol	4.73	59	90585	101.001	ug/l	100
12) 1,1-Dichloroethene	3.70	96	80856	17.090	ug/l	97
13) Acrolein	3.57	56	52546	125.979	ug/l	99
14) Allyl chloride	4.27	41	160740	16.550	ug/l	99
15) Acrylonitrile	4.93	53	238536	97.275	ug/l	97
16) Acetone	3.78	43	209437	89.413	ug/l	100
17) Carbon Disulfide	4.01	76	233165	16.945	ug/l	99
18) Methyl Acetate	4.28	43	115125	19.552	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	306239	18.114	ug/l	98
20) Methylene Chloride	4.50	84	104877	18.873	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	91052	17.197	ug/l	94
22) Diisopropyl ether	5.90	45	343905	17.992	ug/l	93
23) Vinyl Acetate	5.84	43	1421853	94.506	ug/l	98
24) 1,1-Dichloroethane	5.80	63	182837	17.664	ug/l	98
25) 2-Butanone	6.79	43	328300	94.882	ug/l	99
26) 2,2-Dichloropropane	6.78	77	141163	15.559	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	106123	17.198	ug/l	96
28) Bromochloromethane	7.15	49	91264	18.183	ug/l	100
29) Tetrahydrofuran	7.16	42	214701	95.295	ug/l	98
30) Chloroform	7.33	83	186077	17.954	ug/l	100
31) Cyclohexane	7.61	56	162823	17.114	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	155669	17.230	ug/l	100
36) 1,1-Dichloropropene	7.75	75	132926	16.567	ug/l	100
37) Ethyl Acetate	6.88	43	147011	18.624	ug/l	97
38) Carbon Tetrachloride	7.73	117	132451	16.773	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	140518	16.053	ug/l	97
40) Benzene	8.00	78	398709	17.398	ug/l	99
41) Methacrylonitrile	7.13	41	66208m	18.543	ug/l	
42) 1,2-Dichloroethane	8.09	62	154130	17.726	ug/l	99
43) Isopropyl Acetate	8.13	43	243532	18.218	ug/l #	92
44) Trichloroethene	8.80	130	102331	17.074	ug/l	97
45) 1,2-Dichloropropane	9.08	63	110306	17.548	ug/l	93
46) Dibromomethane	9.17	93	73319	17.987	ug/l	99
47) Bromodichloromethane	9.37	83	148220	17.448	ug/l	98
48) Methyl methacrylate	9.17	41	114855	18.006	ug/l	99
49) 1,4-Dioxane	9.16	88	36327	367.835	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	718455	97.522	ug/l	99
52) Toluene	10.13	92	242995	17.367	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	157229	16.973	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	167787	16.823	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	96912	17.676	ug/l	96
56) Ethyl methacrylate	10.40	69	151398	18.158	ug/l	99
57) 1,3-Dichloropropane	10.68	76	171344	17.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	382981	85.635	ug/l	99
59) 2-Hexanone	10.72	43	513159	94.447	ug/l	100
60) Dibromochloromethane	10.87	129	108210	17.973	ug/l	97
61) 1,2-Dibromoethane	10.98	107	100984	17.667	ug/l	98
64) Tetrachloroethene	10.60	164	102406	17.996	ug/l	98
65) Chlorobenzene	11.41	112	258661	17.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	92408	16.960	ug/l	96
67) Ethyl Benzene	11.49	91	472849	17.613	ug/l	100
68) m/p-Xylenes	11.60	106	344078	34.648	ug/l	99
69) o-Xylene	11.92	106	166566	17.478	ug/l	98
70) Styrene	11.94	104	272903	17.229	ug/l	100
71) Bromoform	12.10	173	65857	17.476	ug/l #	97
73) Isopropylbenzene	12.23	105	443077	17.819	ug/l	99
74) N-amyl acetate	12.05	43	198079	19.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	131184	18.421	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	130712m	19.219	ug/l	
77) Bromobenzene	12.50	156	100067	17.507	ug/l	96
78) n-propylbenzene	12.57	91	506515	17.931	ug/l	99
79) 2-Chlorotoluene	12.65	91	303761	17.489	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	372835	18.057	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	44819	17.706	ug/l	99
82) 4-Chlorotoluene	12.75	91	318001	17.466	ug/l	99
83) tert-Butylbenzene	12.97	119	302295	17.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	373324	17.938	ug/l	99
85) sec-Butylbenzene	13.15	105	397856	17.859	ug/l	100
86) p-Isopropyltoluene	13.26	119	356597	17.460	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	185328	17.736	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	179453	17.293	ug/l	97
89) n-Butylbenzene	13.59	91	311206	16.879	ug/l	99
90) Hexachloroethane	13.85	117	59582	17.735	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	181201	17.545	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29192	18.026	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	98747	16.335	ug/l	98
94) Hexachlorobutadiene	14.98	225	38295	16.729	ug/l	98
95) Naphthalene	15.10	128	311028	16.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	93775	16.725	ug/l	98

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

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