

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061436.D
 Acq On : 18 May 2020 15:54
 Operator : JC/MD
 Sample : VN0518MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:25:17 PM

Quant Time: May 18 18:30:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	258165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	473492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204513	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	7.55	113	133821	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	10.06	98	588982	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.37	95	217755	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41363	19.269	ug/l	99
3) Chloromethane	2.03	50	66422	18.971	ug/l	98
4) Vinyl Chloride	2.16	62	95803	19.119	ug/l	99
5) Bromomethane	2.54	94	54034	18.837	ug/l	98
6) Chloroethane	2.67	64	64034	18.986	ug/l	97
7) Trichlorofluoromethane	2.98	101	116048	19.076	ug/l	98
8) Diethyl Ether	3.37	74	35345	19.947	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48984	19.363	ug/l	99
10) Methyl Iodide	3.91	142	61723	20.088	ug/l	100
11) Tert butyl alcohol	4.73	59	48906	110.160	ug/l	98
12) 1,1-Dichloroethene	3.70	96	49899	18.856	ug/l	96
13) Acrolein	3.57	56	29562	80.242	ug/l	94
14) Allyl chloride	4.27	41	85435	19.838	ug/l	97
15) Acrylonitrile	4.93	53	134699	102.410	ug/l	98
16) Acetone	3.77	43	104195	98.785	ug/l	96
17) Carbon Disulfide	4.01	76	131935	21.406	ug/l	100
18) Methyl Acetate	4.27	43	53716	19.680	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	199974	19.913	ug/l	98
20) Methylene Chloride	4.50	84	59295	18.725	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	57900	18.975	ug/l	97
22) Diisopropyl ether	5.90	45	190000	19.633	ug/l	97
23) Vinyl Acetate	5.84	43	771371	100.234	ug/l	99
24) 1,1-Dichloroethane	5.80	63	109837	19.459	ug/l	99
25) 2-Butanone	6.78	43	173667	98.995	ug/l	100
26) 2,2-Dichloropropane	6.78	77	99626	18.515	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	68790	19.085	ug/l	99
28) Bromochloromethane	7.15	49	53150	22.183	ug/l	97
29) Tetrahydrofuran	7.17	42	117669	101.279	ug/l	99
30) Chloroform	7.33	83	117067	19.857	ug/l	99
31) Cyclohexane	7.62	56	100032	18.243	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	101866	18.908	ug/l	99
36) 1,1-Dichloropropene	7.75	75	84950	19.187	ug/l	99
37) Ethyl Acetate	6.88	43	75544	18.815	ug/l	98
38) Carbon Tetrachloride	7.73	117	78169	19.174	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	104239	19.277	ug/l	98
40) Benzene	8.00	78	255790	19.171	ug/l	98
41) Methacrylonitrile	7.13	41	36192	21.342	ug/l #	93
42) 1,2-Dichloroethane	8.09	62	95624	19.893	ug/l	99
43) Isopropyl Acetate	8.13	43	138165	19.730	ug/l #	90
44) Trichloroethene	8.80	130	67732	19.374	ug/l	94
45) 1,2-Dichloropropane	9.08	63	65948	19.747	ug/l	97
46) Dibromomethane	9.18	93	45008	19.225	ug/l	99
47) Bromodichloromethane	9.37	83	95883	19.438	ug/l	97
48) Methyl methacrylate	9.17	41	61532	19.020	ug/l	98
49) 1,4-Dioxane	9.16	88	16996	479.887	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	385602	101.079	ug/l	98
52) Toluene	10.12	92	163167	19.049	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	105697	19.550	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	111221	19.352	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	64528	19.925	ug/l	98
56) Ethyl methacrylate	10.40	69	99007	19.555	ug/l	99
57) 1,3-Dichloropropane	10.68	76	112181	20.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	214381	96.466	ug/l	100
59) 2-Hexanone	10.72	43	268934	97.440	ug/l	99
60) Dibromochloromethane	10.87	129	69359	19.362	ug/l	99
61) 1,2-Dibromoethane	10.98	107	66223	19.448	ug/l	100
64) Tetrachloroethene	10.60	164	63754	18.528	ug/l	98
65) Chlorobenzene	11.41	112	172499	19.018	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	62442	19.203	ug/l	97
67) Ethyl Benzene	11.48	91	317274	19.163	ug/l	99
68) m/p-Xylenes	11.59	106	237914	37.858	ug/l	98
69) o-Xylene	11.92	106	117033	19.244	ug/l	100
70) Styrene	11.94	104	194782	19.341	ug/l	99
71) Bromoform	12.10	173	43170	18.403	ug/l #	99
73) Isopropylbenzene	12.22	105	308658	18.818	ug/l	100
74) N-amyl acetate	12.04	43	117769	19.616	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	88593	19.632	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	84537m	19.283	ug/l	
77) Bromobenzene	12.50	156	66810	18.769	ug/l	97
78) n-propylbenzene	12.56	91	349189	18.685	ug/l	99
79) 2-Chlorotoluene	12.65	91	208373	18.863	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	256676	19.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	30338	18.357	ug/l	96
82) 4-Chlorotoluene	12.75	91	216582	18.935	ug/l	100
83) tert-Butylbenzene	12.97	119	218683	19.010	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	259088	19.277	ug/l	99
85) sec-Butylbenzene	13.15	105	296349	19.051	ug/l	99
86) p-Isopropyltoluene	13.26	119	260847	18.884	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	124361	19.090	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	124762	19.123	ug/l	99
89) n-Butylbenzene	13.59	91	238656	19.018	ug/l	100
90) Hexachloroethane	13.85	117	35736	19.089	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	118749	19.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	17682	19.398	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	65889	19.446	ug/l	99
94) Hexachlorobutadiene	14.99	225	29809	19.800	ug/l	97
95) Naphthalene	15.10	128	216302	20.080	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	65738	19.489	ug/l	99

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

