

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061438.D
 Acq On : 18 May 2020 16:40
 Operator : JC/MD
 Sample : VN0518MBSD01
 Misc : 5.00uL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0518MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:25:09 PM

Quant Time: May 19 03:39:15 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	357523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	633306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	585925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	286298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	246140	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	7.55	113	175885	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	10.06	98	750835	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.37	95	282954	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76520	25.740	ug/l	98
3) Chloromethane	2.03	50	90174	18.597	ug/l	98
4) Vinyl Chloride	2.16	62	120343	17.342	ug/l	98
5) Bromomethane	2.54	94	64809	15.734	ug/l	96
6) Chloroethane	2.67	64	77194	16.527	ug/l	99
7) Trichlorofluoromethane	2.98	101	140294	16.653	ug/l	100
8) Diethyl Ether	3.37	74	50959	20.766	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	75704	21.608	ug/l	98
10) Methyl Iodide	3.91	142	94877	22.296	ug/l	99
11) Tert butyl alcohol	4.73	59	56846	92.461	ug/l	98
12) 1,1-Dichloroethene	3.70	96	77821	21.235	ug/l	89
13) Acrolein	3.56	56	39829	77.500	ug/l	97
14) Allyl chloride	4.27	41	109095	18.292	ug/l	94
15) Acrylonitrile	4.93	53	164828	90.491	ug/l	98
16) Acetone	3.77	43	129964	87.783	ug/l	99
17) Carbon Disulfide	4.01	76	178439	20.826	ug/l	99
18) Methyl Acetate	4.28	43	67364	17.718	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	260532	18.734	ug/l	98
20) Methylene Chloride	4.50	84	82976	18.921	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	81482	19.282	ug/l	94
22) Diisopropyl ether	5.90	45	239027	17.835	ug/l	97
23) Vinyl Acetate	5.84	43	959376	90.019	ug/l	97
24) 1,1-Dichloroethane	5.80	63	143112	18.308	ug/l	99
25) 2-Butanone	6.79	43	206113	84.839	ug/l	97
26) 2,2-Dichloropropane	6.78	77	134441	18.041	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	92859	18.603	ug/l	97
28) Bromochloromethane	7.15	49	67474	20.335	ug/l	93
29) Tetrahydrofuran	7.17	42	138337	85.979	ug/l	98
30) Chloroform	7.33	83	153704	18.826	ug/l	98
31) Cyclohexane	7.62	56	128520	16.696	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	139876	18.748	ug/l	96
36) 1,1-Dichloropropene	7.75	75	111014	18.747	ug/l	97
37) Ethyl Acetate	6.88	43	89215	16.613	ug/l	98
38) Carbon Tetrachloride	7.73	117	103069	18.902	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	130395	18.028	ug/l	99
40) Benzene	8.00	78	334229	18.729	ug/l	98
41) Methacrylonitrile	7.13	41	44406m	19.577	ug/l	
42) 1,2-Dichloroethane	8.09	62	119257	18.548	ug/l	100
43) Isopropyl Acetate	8.13	43	167590	17.892	ug/l	100
44) Trichloroethene	8.80	130	92433	19.768	ug/l	100
45) 1,2-Dichloropropane	9.09	63	83454	18.683	ug/l	100
46) Dibromomethane	9.18	93	57629	18.404	ug/l	98
47) Bromodichloromethane	9.37	83	120967	18.335	ug/l #	99
48) Methyl methacrylate	9.17	41	73416	16.967	ug/l	96
49) 1,4-Dioxane	9.17	88	20228	422.699	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	461620	90.470	ug/l	99
52) Toluene	10.12	92	215706	18.827	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	133436	18.453	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	139707	18.174	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	81222	18.751	ug/l	99
56) Ethyl methacrylate	10.40	69	132338	19.542	ug/l	97
57) 1,3-Dichloropropane	10.68	76	141491	18.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	258862	87.088	ug/l	98
59) 2-Hexanone	10.72	43	324310	87.852	ug/l	99
60) Dibromochloromethane	10.87	129	90226	18.831	ug/l	100
61) 1,2-Dibromoethane	10.98	107	86774	19.053	ug/l	100
64) Tetrachloroethene	10.60	164	87365	19.273	ug/l	96
65) Chlorobenzene	11.41	112	228707	19.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	77584	18.112	ug/l	98
67) Ethyl Benzene	11.48	91	421879	19.343	ug/l	97
68) m/p-Xylenes	11.59	106	332407	40.152	ug/l	95
69) o-Xylene	11.92	106	155333	19.389	ug/l	98
70) Styrene	11.94	104	263369	19.852	ug/l	99
71) Bromoform	12.10	173	58993	19.015	ug/l #	99
73) Isopropylbenzene	12.22	105	418666	18.216	ug/l	97
74) N-amyl acetate	12.04	43	216113	25.688	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	117572	18.593	ug/l #	95
76) 1,2,3-Trichloropropane	12.53	75	99928m	16.266	ug/l	
77) Bromobenzene	12.50	156	280104	56.155	ug/l #	15
78) n-propylbenzene	12.56	91	477205	18.222	ug/l	99
79) 2-Chlorotoluene	12.65	91	287495	18.573	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	365296	19.411	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	38714	16.717	ug/l	99
82) 4-Chlorotoluene	12.75	91	286691	17.887	ug/l	99
83) tert-Butylbenzene	12.97	119	299020	18.550	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	370304	19.662	ug/l	100
85) sec-Butylbenzene	13.15	105	392399	18.002	ug/l	99
86) p-Isopropyltoluene	13.26	119	366315	18.925	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	173328	18.987	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	174965	19.138	ug/l	99
89) n-Butylbenzene	13.59	91	325338	18.501	ug/l	99
90) Hexachloroethane	13.85	117	48825	18.613	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	165960	18.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23307	18.246	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93519	19.696	ug/l	97
94) Hexachlorobutadiene	14.98	225	32647	15.475	ug/l	99
95) Naphthalene	15.10	128	325868	21.588	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	93410	19.762	ug/l	93

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

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