

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078067.D
 Acq On : 06 Jun 2023 13:37
 Operator : JC\MD
 Sample : VN0606MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:21:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	306969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	477622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	190569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	227003	49.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.840%		
35) Dibromofluoromethane	8.177	113	199244	55.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.140%		
50) Toluene-d8	10.571	98	684361	49.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.853	95	222312	45.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	51256	14.672	ug/l	99
3) Chloromethane	2.371	50	62490	15.640	ug/l	99
4) Vinyl Chloride	2.524	62	80288	18.228	ug/l	98
5) Bromomethane	2.965	94	63956	19.633	ug/l	95
6) Chloroethane	3.130	64	58456	18.416	ug/l	99
7) Trichlorofluoromethane	3.507	101	120219	19.585	ug/l	99
8) Diethyl Ether	3.977	74	46930	20.942	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.389	101	67322	19.818	ug/l	98
10) Methyl Iodide	4.601	142	89331	22.050	ug/l	97
11) Tert butyl alcohol	5.536	59	64124	101.161	ug/l #	94
12) 1,1-Dichloroethene	4.354	96	62390	19.324	ug/l	95
13) Acrolein	4.195	56	41524	86.507	ug/l	90
14) Allyl chloride	5.030	41	85334	17.992	ug/l	94
15) Acrylonitrile	5.730	53	176675	104.326	ug/l	100
16) Acetone	4.436	43	140247	97.055	ug/l	100
17) Carbon Disulfide	4.724	76	128874	14.814	ug/l	97
18) Methyl Acetate	5.036	43	130447	21.518	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	245581	21.014	ug/l	96
20) Methylene Chloride	5.295	84	82003	20.643	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	69392	19.134	ug/l #	79
22) Diisopropyl ether	6.683	45	221933	19.963	ug/l	98
23) Vinyl Acetate	6.612	43	662221	96.141	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	143558	21.078	ug/l	96
25) 2-Butanone	7.494	43	227760	100.758	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	116119	20.068	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	91611	21.067	ug/l	94
28) Bromochloromethane	7.830	49	55362	18.795	ug/l	90
29) Tetrahydrofuran	7.847	42	132340	89.411	ug/l	90
30) Chloroform	7.971	83	158547	21.161	ug/l	88
31) Cyclohexane	8.265	56	106914	17.127	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	131399	20.628	ug/l	96
36) 1,1-Dichloropropene	8.377	75	104420	19.911	ug/l	97
37) Ethyl Acetate	7.565	43	86048	18.409	ug/l	97
38) Carbon Tetrachloride	8.371	117	111051	20.970	ug/l	95
39) Methylcyclohexane	9.606	83	98968	15.415	ug/l #	90
40) Benzene	8.612	78	327001	21.130	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	49235	19.779	ug/l	94
42) 1,2-Dichloroethane	8.677	62	121338	21.584	ug/l	100
43) Isopropyl Acetate	8.694	43	162063	21.227	ug/l #	94
44) Trichloroethene	9.359	130	82320	21.008	ug/l	90
45) 1,2-Dichloropropane	9.630	63	87714	22.221	ug/l #	88
46) Dibromomethane	9.712	93	60993	21.593	ug/l	93
47) Bromodichloromethane	9.894	83	121500	22.468	ug/l	92
48) Methyl methacrylate	9.688	41	72048	19.904	ug/l	90
49) 1,4-Dioxane	9.706	88	30057	439.626	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	477867	105.297	ug/l	93
52) Toluene	10.635	92	209478	21.743	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	120126	20.977	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	135813	21.521	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	87167	22.786	ug/l	91
56) Ethyl methacrylate	10.883	69	121781	21.055	ug/l	92
57) 1,3-Dichloropropane	11.171	76	145386	22.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	217756	76.526	ug/l	92
59) 2-Hexanone	11.200	43	326505	97.267	ug/l	93
60) Dibromochloromethane	11.365	129	91415	23.148	ug/l	100
61) 1,2-Dibromoethane	11.471	107	88223	23.117	ug/l	96
64) Tetrachloroethene	11.106	164	66893	20.027	ug/l	98
65) Chlorobenzene	11.900	112	226184	21.844	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	85252	23.795	ug/l	97
67) Ethyl Benzene	11.971	91	389809	21.008	ug/l	96
68) m/p-Xylenes	12.077	106	292680	41.628	ug/l	96
69) o-Xylene	12.406	106	148137	21.424	ug/l	99
70) Styrene	12.418	104	234196	21.321	ug/l	98
71) Bromoform	12.582	173	55701	23.371	ug/l #	99
73) Isopropylbenzene	12.700	105	373640	22.745	ug/l	98
74) N-amyl acetate	12.500	43	117626	19.372	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	122336	24.208	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	98624m	20.665	ug/l	
77) Bromobenzene	12.988	156	84949	22.660	ug/l	100
78) n-propylbenzene	13.041	91	410315	21.187	ug/l	98
79) 2-Chlorotoluene	13.129	91	255062	22.071	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	304536	22.058	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	30820	20.642	ug/l	90
82) 4-Chlorotoluene	13.224	91	246640	21.450	ug/l	100
83) tert-Butylbenzene	13.441	119	265410	22.021	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	300783	22.152	ug/l	100
85) sec-Butylbenzene	13.624	105	336490	19.644	ug/l	100
86) p-Isopropyltoluene	13.735	119	274610	20.109	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	142114	20.499	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	138034	20.064	ug/l	99
89) n-Butylbenzene	14.065	91	207747	16.540	ug/l	99
90) Hexachloroethane	14.341	117	47968	21.382	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	143766	22.198	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17979	18.376	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	47934	12.665	ug/l	99
94) Hexachlorobutadiene	15.506	225	28981	18.442	ug/l	96
95) Naphthalene	15.647	128	141909	10.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	53097	14.329	ug/l	98

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

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