

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078274.D
 Acq On : 19 Jun 2023 12:59
 Operator : JC\MD
 Sample : VN0619MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 19 16:03:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	336650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	607861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	225635	50.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.540%			
35) Dibromofluoromethane	8.177	113	183556	47.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.520%			
50) Toluene-d8	10.571	98	675947	45.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.240%			
62) 4-Bromofluorobenzene	12.853	95	211447	45.905	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	64081	16.839	ug/l	97
3) Chloromethane	2.371	50	72518	19.130	ug/l	97
4) Vinyl Chloride	2.524	62	93680	18.800	ug/l	98
5) Bromomethane	2.965	94	78972	20.970	ug/l	98
6) Chloroethane	3.130	64	71958	21.183	ug/l	97
7) Trichlorofluoromethane	3.506	101	174057	25.758	ug/l	95
8) Diethyl Ether	3.965	74	45604	19.207	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	71961	20.178	ug/l	97
10) Methyl Iodide	4.601	142	94869	18.811	ug/l	95
11) Tert butyl alcohol	5.530	59	62558	100.936	ug/l	98
12) 1,1-Dichloroethene	4.342	96	66684	18.139	ug/l	97
13) Acrolein	4.189	56	67669	99.065	ug/l	92
14) Allyl chloride	5.036	41	89745	19.999	ug/l	91
15) Acrylonitrile	5.736	53	179430	112.292	ug/l	100
16) Acetone	4.442	43	138202	106.969	ug/l	96
17) Carbon Disulfide	4.718	76	157633	16.659	ug/l	98
18) Methyl Acetate	5.042	43	131779	22.154	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	246938	21.053	ug/l	99
20) Methylene Chloride	5.289	84	83844	19.638	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	74488	18.786	ug/l	91
22) Diisopropyl ether	6.683	45	232952	22.069	ug/l #	91
23) Vinyl Acetate	6.612	43	677242	107.930	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	150824	21.659	ug/l	98
25) 2-Butanone	7.494	43	225989	113.746	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	119206	23.185	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	90849	19.209	ug/l	92
28) Bromochloromethane	7.818	49	76556	23.945	ug/l	85
29) Tetrahydrofuran	7.847	42	146798	110.526	ug/l #	85
30) Chloroform	7.971	83	163408	21.793	ug/l	89
31) Cyclohexane	8.265	56	112978	19.622	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	136716	20.768	ug/l	98
36) 1,1-Dichloropropene	8.383	75	109812	19.919	ug/l	98
37) Ethyl Acetate	7.571	43	94848	22.023	ug/l #	96
38) Carbon Tetrachloride	8.371	117	120545	20.708	ug/l	99
39) Methylcyclohexane	9.606	83	95599	16.733	ug/l	92
40) Benzene	8.612	78	337742	20.521	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	49775	21.323	ug/l	91
42) 1,2-Dichloroethane	8.677	62	125263	22.198	ug/l	96
43) Isopropyl Acetate	8.694	43	170111	20.654	ug/l	93
44) Trichloroethene	9.359	130	85758	19.730	ug/l	98
45) 1,2-Dichloropropane	9.630	63	90096	22.002	ug/l	97
46) Dibromomethane	9.712	93	61430	20.367	ug/l	93
47) Bromodichloromethane	9.894	83	129174	23.056	ug/l	98
48) Methyl methacrylate	9.688	41	73734	21.332	ug/l	91
49) 1,4-Dioxane	9.700	88	29995	412.887	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	490937	113.192	ug/l	94
52) Toluene	10.635	92	207828	20.000	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	128870	22.086	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	137303	21.288	ug/l #	91
55) 1,1,2-Trichloroethane	11.024	97	88994	22.639	ug/l	96
56) Ethyl methacrylate	10.882	69	121003	21.140	ug/l #	87
57) 1,3-Dichloropropane	11.171	76	146875	22.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	225132	97.366	ug/l	92
59) 2-Hexanone	11.200	43	337613	111.794	ug/l	91
60) Dibromochloromethane	11.365	129	94897	22.061	ug/l	99
61) 1,2-Dibromoethane	11.477	107	86537	20.977	ug/l	98
64) Tetrachloroethene	11.106	164	66738	18.879	ug/l	97
65) Chlorobenzene	11.894	112	223170	19.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	88276	21.150	ug/l	98
67) Ethyl Benzene	11.971	91	388031	19.817	ug/l	97
68) m/p-Xylenes	12.076	106	294742	39.498	ug/l	98
69) o-Xylene	12.406	106	145610	19.870	ug/l	98
70) Styrene	12.418	104	231773	20.090	ug/l	97
71) Bromoform	12.582	173	58771	21.819	ug/l #	98
73) Isopropylbenzene	12.700	105	358305	18.854	ug/l	99
74) N-amyl acetate	12.500	43	118875	18.996	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	126913	22.957	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	97789m	20.583	ug/l	
77) Bromobenzene	12.982	156	84380	19.127	ug/l	100
78) n-propylbenzene	13.041	91	406067	19.667	ug/l	99
79) 2-Chlorotoluene	13.129	91	254143	19.069	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	295266	19.191	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	36575	23.653	ug/l #	82
82) 4-Chlorotoluene	13.229	91	238425	19.168	ug/l	97
83) tert-Butylbenzene	13.441	119	244784	18.303	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	288051	19.310	ug/l	98
85) sec-Butylbenzene	13.618	105	311463	17.793	ug/l	99
86) p-Isopropyltoluene	13.735	119	248890	17.521	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	140810	18.870	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	137516	19.098	ug/l	99
89) n-Butylbenzene	14.059	91	184544	16.470	ug/l	98
90) Hexachloroethane	14.335	117	49864	19.780	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	139127	19.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20043	21.293	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	40702	15.664	ug/l	99
94) Hexachlorobutadiene	15.506	225	24240	17.278	ug/l	99
95) Naphthalene	15.647	128	125258	14.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47027	16.182	ug/l	95

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

