

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076253.D
 Acq On : 13 Jan 2023 17:03
 Operator : JC\MD
 Sample : VN0113MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 16 01:12:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	354813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	568425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	499211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186292	48.262	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.171	113	169632	48.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	10.570	98	599503	45.550	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.100%		
62) 4-Bromofluorobenzene	12.853	95	204296	46.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	58022	23.031	ug/l	94
3) Chloromethane	2.377	50	57894	18.481	ug/l	97
4) Vinyl Chloride	2.530	62	69977	18.726	ug/l	100
5) Bromomethane	2.959	94	57365	18.063	ug/l	96
6) Chloroethane	3.130	64	52817	19.086	ug/l	95
7) Trichlorofluoromethane	3.512	101	98898	17.442	ug/l	95
8) Diethyl Ether	3.977	74	34773	16.790	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	59763	18.458	ug/l	97
10) Methyl Iodide	4.600	142	84577	16.096	ug/l	98
11) Tert butyl alcohol	5.535	59	45115	82.599	ug/l	99
12) 1,1-Dichloroethene	4.353	96	52082	16.562	ug/l	98
13) Acrolein	4.189	56	55327	82.625	ug/l	100
14) Allyl chloride	5.041	41	67403	18.336	ug/l	99
15) Acrylonitrile	5.730	53	128208	86.016	ug/l	99
16) Acetone	4.447	43	109066	81.966	ug/l	97
17) Carbon Disulfide	4.730	76	104045	13.665	ug/l	99
18) Methyl Acetate	5.036	43	73512	18.690	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	192926	18.630	ug/l	98
20) Methylene Chloride	5.300	84	62246	17.065	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	56136	16.300	ug/l	96
22) Diisopropyl ether	6.688	45	159114	17.818	ug/l	97
23) Vinyl Acetate	6.618	43	500974	83.347	ug/l	100
24) 1,1-Dichloroethane	6.577	63	102757	17.254	ug/l	98
25) 2-Butanone	7.494	43	162497	87.218	ug/l	96
26) 2,2-Dichloropropane	7.500	77	88607	17.568	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	69744	16.933	ug/l	96
28) Bromochloromethane	7.824	49	46005	17.624	ug/l	99
29) Tetrahydrofuran	7.847	42	106502	91.217	ug/l	96
30) Chloroform	7.977	83	113987	16.999	ug/l	93
31) Cyclohexane	8.265	56	91359	16.526	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	100390	16.887	ug/l	99
36) 1,1-Dichloropropene	8.377	75	78933	16.880	ug/l	98
37) Ethyl Acetate	7.571	43	70228	18.697	ug/l	97
38) Carbon Tetrachloride	8.371	117	87934	16.801	ug/l	96
39) Methylcyclohexane	9.606	83	99043	17.556	ug/l	99
40) Benzene	8.612	78	241258	16.722	ug/l	99

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41) Methacrylonitrile	7.788	41	34511	17.676	ug/l	95
42) 1,2-Dichloroethane	8.676	62	84003	17.513	ug/l	99
43) Isopropyl Acetate	8.694	43	138496	22.352	ug/l #	91
44) Trichloroethene	9.359	130	67146	16.520	ug/l	97
45) 1,2-Dichloropropane	9.629	63	59856	17.049	ug/l	99
46) Dibromomethane	9.712	93	44176	16.964	ug/l	98
47) Bromodichloromethane	9.888	83	86112	16.863	ug/l	97
48) Methyl methacrylate	9.682	41	51506	18.457	ug/l	97
49) 1,4-Dioxane	9.700	88	22960	334.664	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	350883	93.641	ug/l	96
52) Toluene	10.629	92	164102	17.464	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	85301	17.064	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	96552	17.592	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65857	17.856	ug/l	98
56) Ethyl methacrylate	10.876	69	89409	18.251	ug/l	97
57) 1,3-Dichloropropane	11.165	76	105195	17.389	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	162106	103.934	ug/l	100
59) 2-Hexanone	11.194	43	249085	91.152	ug/l	98
60) Dibromochloromethane	11.359	129	67222	16.389	ug/l	99
61) 1,2-Dibromoethane	11.470	107	64294	17.226	ug/l	98
64) Tetrachloroethene	11.106	164	73492	20.921	ug/l	98
65) Chlorobenzene	11.894	112	175194	17.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	65120	17.159	ug/l	97
67) Ethyl Benzene	11.964	91	308438	17.836	ug/l	99
68) m/p-Xylenes	12.076	106	245551	35.875	ug/l	98
69) o-Xylene	12.400	106	123858	18.286	ug/l	98
70) Styrene	12.412	104	195540	18.156	ug/l	99
71) Bromoform	12.582	173	46286	16.761	ug/l #	96
73) Isopropylbenzene	12.700	105	322017	18.878	ug/l	99
74) N-amyl acetate	12.500	43	94519	18.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	92297	17.503	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	90526m	19.026	ug/l	
77) Bromobenzene	12.982	156	78001	18.069	ug/l	94
78) n-propylbenzene	13.035	91	352235	18.723	ug/l	100
79) 2-Chlorotoluene	13.129	91	215261	18.330	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	266508	18.668	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23098	17.474	ug/l #	81
82) 4-Chlorotoluene	13.129	91	215261	18.330	ug/l	100
83) tert-Butylbenzene	13.441	119	248389	19.734	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	272452	19.238	ug/l	98
85) sec-Butylbenzene	13.617	105	333396	19.190	ug/l	98
86) p-Isopropyltoluene	13.729	119	277488	19.196	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	137920	17.296	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	137861	16.924	ug/l	99
89) n-Butylbenzene	14.058	91	215741	18.422	ug/l	99
90) Hexachloroethane	14.335	117	46005	17.791	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	140316	17.865	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14648	15.655	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	66382	17.071	ug/l	100
94) Hexachlorobutadiene	15.500	225	37970	17.898	ug/l	100
95) Naphthalene	15.641	128	199693	17.045	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	65039	17.895	ug/l	98

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

