

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077144.D
 Acq On : 23 Mar 2023 12:56
 Operator : JC\MD
 Sample : VN0323MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0323MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 01:33:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	366830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	650621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	567233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	251416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	290980	49.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.320%		
35) Dibromofluoromethane	8.172	113	216267	47.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	10.572	98	780669	47.964	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.920%		
62) 4-Bromofluorobenzene	12.854	95	260030	45.212	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	54169	14.797	ug/l	98
3) Chloromethane	2.372	50	107137	28.987	ug/l	99
4) Vinyl Chloride	2.525	62	112351	28.162	ug/l	96
5) Bromomethane	2.960	94	100663	37.356	ug/l	94
6) Chloroethane	3.131	64	111840	44.304	ug/l	97
7) Trichlorofluoromethane	3.507	101	157255	18.323	ug/l	98
8) Diethyl Ether	3.978	74	56327	17.439	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	79408	16.311	ug/l	96
10) Methyl Iodide	4.601	142	92747	16.914	ug/l	95
11) Tert butyl alcohol	5.537	59	85511	100.150	ug/l #	85
12) 1,1-Dichloroethene	4.354	96	73931	16.600	ug/l	88
13) Acrolein	4.196	56	95666	90.587	ug/l	99
14) Allyl chloride	5.037	41	152319	18.682	ug/l	98
15) Acrylonitrile	5.737	53	265077	92.349	ug/l	99
16) Acetone	4.437	43	245027	93.850	ug/l	96
17) Carbon Disulfide	4.719	76	187466	14.436	ug/l	97
18) Methyl Acetate	5.037	43	190513	19.351	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	285497	17.862	ug/l	99
20) Methylene Chloride	5.295	84	96154	16.969	ug/l	95
21) trans-1,2-Dichloroethene	5.807	96	80978	16.775	ug/l	92
22) Diisopropyl ether	6.689	45	323020	18.083	ug/l	94
23) Vinyl Acetate	6.613	43	1055340	93.620	ug/l	98
24) 1,1-Dichloroethane	6.578	63	175930	17.211	ug/l	99
25) 2-Butanone	7.495	43	365343	95.657	ug/l	92
26) 2,2-Dichloropropane	7.501	77	132389	17.213	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	99234	17.949	ug/l	99
28) Bromochloromethane	7.819	49	94123	21.203	ug/l	98
29) Tetrahydrofuran	7.848	42	238324	96.295	ug/l	99
30) Chloroform	7.978	83	174721	17.610	ug/l	97
31) Cyclohexane	8.266	56	151457	15.798	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	149263	17.602	ug/l	97
36) 1,1-Dichloropropene	8.378	75	116801	16.412	ug/l	96
37) Ethyl Acetate	7.566	43	149493	19.633	ug/l	95
38) Carbon Tetrachloride	8.372	117	122507	17.673	ug/l	95
39) Methylcyclohexane	9.607	83	132481	15.904	ug/l	98
40) Benzene	8.613	78	373982	17.327	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	81209	19.798	ug/l	99
42) 1,2-Dichloroethane	8.678	62	146373	18.768	ug/l	99
43) Isopropyl Acetate	8.695	43	238815	20.077	ug/l	99
44) Trichloroethene	9.354	130	85438	17.234	ug/l	100
45) 1,2-Dichloropropane	9.625	63	101255	17.664	ug/l	98
46) Dibromomethane	9.719	93	66819	18.482	ug/l	94
47) Bromodichloromethane	9.895	83	135761	17.905	ug/l #	97
48) Methyl methacrylate	9.689	41	113556	19.969	ug/l	94
49) 1,4-Dioxane	9.701	88	38019	391.444	ug/l	93
51) 4-Methyl-2-Pentanone	10.448	43	750646	101.340	ug/l	97
52) Toluene	10.636	92	229582	17.815	ug/l	96
53) t-1,3-Dichloropropene	10.842	75	133987	18.030	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	154335	18.406	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	93587	18.417	ug/l	94
56) Ethyl methacrylate	10.877	69	140793	18.425	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	165257	17.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	256663	78.786	ug/l	100
59) 2-Hexanone	11.201	43	547314	101.873	ug/l	93
60) Dibromochloromethane	11.360	129	95647	18.738	ug/l	100
61) 1,2-Dibromoethane	11.472	107	93600	18.574	ug/l	99
64) Tetrachloroethene	11.107	164	67585	17.753	ug/l	95
65) Chlorobenzene	11.895	112	243083	18.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	89354	18.503	ug/l	99
67) Ethyl Benzene	11.966	91	420008	17.717	ug/l	99
68) m/p-Xylenes	12.077	106	327685	37.271	ug/l	96
69) o-Xylene	12.401	106	161124	18.444	ug/l	98
70) Styrene	12.419	104	257874	18.960	ug/l	99
71) Bromoform	12.583	173	65188	19.920	ug/l #	99
73) Isopropylbenzene	12.701	105	406570	18.045	ug/l	100
74) N-amyl acetate	12.495	43	191943	19.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	146189	17.909	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	134520m	20.685	ug/l	
77) Bromobenzene	12.983	156	94589	18.741	ug/l	92
78) n-propylbenzene	13.042	91	470389	18.085	ug/l	98
79) 2-Chlorotoluene	13.130	91	286635	17.295	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	341845	18.172	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	39659	16.786	ug/l	91
82) 4-Chlorotoluene	13.224	91	274910	17.444	ug/l	94
83) tert-Butylbenzene	13.442	119	284899	18.038	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	346279	18.446	ug/l	100
85) sec-Butylbenzene	13.618	105	408719	18.192	ug/l	99
86) p-Isopropyltoluene	13.730	119	325124	18.020	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	175619	18.410	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	165591	17.447	ug/l	99
89) n-Butylbenzene	14.060	91	265822	16.794	ug/l	99
90) Hexachloroethane	14.336	117	62480	17.033	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	172069	18.096	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	26389	17.447	ug/l	94
93) 1,2,4-Trichlorobenzene	15.395	180	75674	17.605	ug/l	98
94) Hexachlorobutadiene	15.507	225	41372	17.477	ug/l	98
95) Naphthalene	15.648	128	237456	15.584	ug/l	98
96) 1,2,3-Trichlorobenzene	15.848	180	74126	17.186	ug/l	97

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

