

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080552.D
 Acq On : 20 Dec 2023 17:18
 Operator : JC\MD
 Sample : VN1220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:45:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	262616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	405187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	183629	54.746	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	8.165	113	146069	56.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.720%			
50) Toluene-d8	10.571	98	525664	54.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.720%			
62) 4-Bromofluorobenzene	12.847	95	192968	53.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62739	18.694	ug/l	97
3) Chloromethane	2.365	50	53968	15.086	ug/l	92
4) Vinyl Chloride	2.518	62	47253	16.487	ug/l	96
5) Bromomethane	2.959	94	23355	18.074	ug/l	97
6) Chloroethane	3.124	64	30888	16.772	ug/l	99
7) Trichlorofluoromethane	3.495	101	105489	18.147	ug/l	94
8) Diethyl Ether	3.959	74	32878	17.956	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	51994	18.871	ug/l	97
10) Methyl Iodide	4.583	142	35035	14.456	ug/l	96
11) Tert butyl alcohol	5.518	59	39726	100.564	ug/l	98
12) 1,1-Dichloroethene	4.342	96	48983	17.350	ug/l	89
13) Acrolein	4.177	56	50136	115.890	ug/l	98
14) Allyl chloride	5.018	41	60759	17.395	ug/l	97
15) Acrylonitrile	5.712	53	118479	106.146	ug/l	96
16) Acetone	4.418	43	86208	144.951	ug/l	97
17) Carbon Disulfide	4.712	76	127937	15.990	ug/l	97
18) Methyl Acetate	5.018	43	90902	23.754	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	187524	19.909	ug/l	99
20) Methylene Chloride	5.277	84	59189	18.596	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	55669	18.185	ug/l	89
22) Diisopropyl ether	6.671	45	149864	19.879	ug/l	97
23) Vinyl Acetate	6.606	43	402938	93.060	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	100584	19.123	ug/l	98
25) 2-Butanone	7.482	43	136780	119.384	ug/l	92
26) 2,2-Dichloropropane	7.488	77	96961	18.028	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	65193	18.814	ug/l	89
28) Bromochloromethane	7.812	49	43194	21.388	ug/l	100
29) Tetrahydrofuran	7.841	42	87469	106.614	ug/l	92
30) Chloroform	7.965	83	120145	20.578	ug/l	89
31) Cyclohexane	8.259	56	76366	16.742	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	111333	19.476	ug/l	95
36) 1,1-Dichloropropene	8.371	75	81267	19.347	ug/l	95
37) Ethyl Acetate	7.559	43	57320	21.791	ug/l	99
38) Carbon Tetrachloride	8.365	117	98812	19.687	ug/l	98
39) Methylcyclohexane	9.600	83	73480	16.839	ug/l	93
40) Benzene	8.606	78	228471	18.836	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33060	21.801	ug/l	92
42) 1,2-Dichloroethane	8.671	62	91842	20.447	ug/l	97
43) Isopropyl Acetate	8.688	43	95599	20.213	ug/l	99
44) Trichloroethene	9.353	130	62011	18.964	ug/l	100
45) 1,2-Dichloropropane	9.624	63	56366	19.785	ug/l	91
46) Dibromomethane	9.712	93	41908	20.484	ug/l	89
47) Bromodichloromethane	9.888	83	90244	20.581	ug/l	99
48) Methyl methacrylate	9.682	41	58246	20.637	ug/l	89
49) 1,4-Dioxane	9.700	88	17177	401.524	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	294851	113.197	ug/l	99
52) Toluene	10.629	92	151902	19.823	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	92745	19.550	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	101163	19.950	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	60862	22.074	ug/l	97
56) Ethyl methacrylate	10.876	69	62360	20.428	ug/l	92
57) 1,3-Dichloropropane	11.165	76	102038	21.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	205179	106.469	ug/l	96
59) 2-Hexanone	11.194	43	215267	111.946	ug/l	97
60) Dibromochloromethane	11.359	129	69099	21.149	ug/l	98
61) 1,2-Dibromoethane	11.470	107	57941	20.304	ug/l	100
64) Tetrachloroethene	11.106	164	52450	18.144	ug/l	96
65) Chlorobenzene	11.894	112	158103	18.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	62257	19.050	ug/l	94
67) Ethyl Benzene	11.965	91	277012	18.088	ug/l	98
68) m/p-Xylenes	12.070	106	210274	37.158	ug/l	91
69) o-Xylene	12.400	106	100738	18.200	ug/l	91
70) Styrene	12.412	104	144983	18.184	ug/l	91
71) Bromoform	12.576	173	43825	18.389	ug/l #	97
73) Isopropylbenzene	12.694	105	262852	18.401	ug/l	98
74) N-amyl acetate	12.494	43	77965	18.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	76902	20.091	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	71804m	20.242	ug/l	
77) Bromobenzene	12.982	156	65617	18.673	ug/l	97
78) n-propylbenzene	13.035	91	290532	18.447	ug/l	99
79) 2-Chlorotoluene	13.123	91	190785	18.555	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	226939	18.447	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	26895	19.906	ug/l	92
82) 4-Chlorotoluene	13.223	91	195029	18.454	ug/l	96
83) tert-Butylbenzene	13.441	119	182185	18.082	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	228015	18.631	ug/l	98
85) sec-Butylbenzene	13.617	105	229119	17.777	ug/l	100
86) p-Isopropyltoluene	13.729	119	211081	18.138	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	110236	17.805	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	113789	18.208	ug/l	97
89) n-Butylbenzene	14.059	91	164945	16.973	ug/l	98
90) Hexachloroethane	14.335	117	32784	17.739	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	108333	18.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15969	19.834	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	57716	17.682	ug/l	97
94) Hexachlorobutadiene	15.500	225	29829	16.052	ug/l	98
95) Naphthalene	15.641	128	180353	18.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	57711	18.322	ug/l	97

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

