

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080390.D
 Acq On : 06 Dec 2023 16:46
 Operator : JC\MD
 Sample : VN1206MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 01:02:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	230133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173469	45.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.300%		
35) Dibromofluoromethane	8.171	113	131630	50.139	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.280%		
50) Toluene-d8	10.571	98	462272	48.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.847	95	171822	48.068	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59897	17.473	ug/l	93
3) Chloromethane	2.359	50	41256	16.008	ug/l	94
4) Vinyl Chloride	2.518	62	47301	17.343	ug/l	92
5) Bromomethane	2.959	94	28625	15.460	ug/l	99
6) Chloroethane	3.124	64	30760	17.120	ug/l	97
7) Trichlorofluoromethane	3.500	101	108111	19.002	ug/l	98
8) Diethyl Ether	3.953	74	28618	17.295	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	47895	18.417	ug/l	93
10) Methyl Iodide	4.589	142	45567	16.213	ug/l #	85
11) Tert butyl alcohol	5.518	59	37830	90.531	ug/l	99
12) 1,1-Dichloroethene	4.342	96	45598	18.747	ug/l	84
13) Acrolein	4.183	56	41411	111.980	ug/l	98
14) Allyl chloride	5.024	41	51869	16.949	ug/l #	88
15) Acrylonitrile	5.718	53	97672	87.069	ug/l	98
16) Acetone	4.424	43	85371	66.890	ug/l	89
17) Carbon Disulfide	4.712	76	114931	15.825	ug/l	97
18) Methyl Acetate	5.018	43	70086	17.091	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	161092	18.754	ug/l	99
20) Methylene Chloride	5.271	84	52152	19.513	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	49131	18.386	ug/l #	79
22) Diisopropyl ether	6.671	45	123620	18.258	ug/l	96
23) Vinyl Acetate	6.606	43	347926	85.477	ug/l	94
24) 1,1-Dichloroethane	6.565	63	88637	17.974	ug/l	99
25) 2-Butanone	7.483	43	113750	75.015	ug/l	92
26) 2,2-Dichloropropane	7.494	77	87961	17.979	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	55497	18.319	ug/l	89
28) Bromochloromethane	7.812	49	32963	17.003	ug/l	99
29) Tetrahydrofuran	7.835	42	71297	87.577	ug/l	94
30) Chloroform	7.965	83	105712	19.179	ug/l	92
31) Cyclohexane	8.259	56	69125	16.727	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	104536	19.448	ug/l	97
36) 1,1-Dichloropropene	8.377	75	72070	18.961	ug/l	95
37) Ethyl Acetate	7.565	43	45139	17.121	ug/l	96
38) Carbon Tetrachloride	8.365	117	95940	19.891	ug/l	95
39) Methylcyclohexane	9.606	83	67466	18.409	ug/l	92
40) Benzene	8.606	78	203463	18.835	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28187m	19.468	ug/l	
42) 1,2-Dichloroethane	8.671	62	85036	19.241	ug/l	96
43) Isopropyl Acetate	8.688	43	90794	17.697	ug/l	95
44) Trichloroethene	9.359	130	53930	19.032	ug/l	90
45) 1,2-Dichloropropane	9.624	63	47313	18.846	ug/l	99
46) Dibromomethane	9.712	93	37972	19.982	ug/l	93
47) Bromodichloromethane	9.888	83	81590	19.518	ug/l	93
48) Methyl methacrylate	9.682	41	47795	18.077	ug/l	91
49) 1,4-Dioxane	9.694	88	14379	326.907	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	239682	90.236	ug/l	98
52) Toluene	10.629	92	133525	19.751	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	82976	19.320	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	85817	19.558	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	51131	19.816	ug/l	98
56) Ethyl methacrylate	10.876	69	53213	20.187	ug/l	96
57) 1,3-Dichloropropane	11.165	76	84129	18.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	116668	78.562	ug/l	99
59) 2-Hexanone	11.194	43	177099	82.974	ug/l	96
60) Dibromochloromethane	11.359	129	63742	20.634	ug/l	97
61) 1,2-Dibromoethane	11.470	107	50304	19.110	ug/l	98
64) Tetrachloroethene	11.106	164	46478	18.985	ug/l	94
65) Chlorobenzene	11.894	112	139814	19.235	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	58316	20.674	ug/l	95
67) Ethyl Benzene	11.965	91	251945	19.479	ug/l	98
68) m/p-Xylenes	12.070	106	191174	40.538	ug/l	91
69) o-Xylene	12.400	106	90535	20.371	ug/l	89
70) Styrene	12.412	104	131044	19.810	ug/l #	91
71) Bromoform	12.582	173	41322	19.754	ug/l #	99
73) Isopropylbenzene	12.694	105	237347	19.896	ug/l	100
74) N-amyl acetate	12.494	43	64374	17.304	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	66047	18.499	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	70764m	18.813	ug/l	
77) Bromobenzene	12.982	156	58884	19.578	ug/l	96
78) n-propylbenzene	13.035	91	258565	19.383	ug/l	99
79) 2-Chlorotoluene	13.123	91	174794	20.175	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	204085	19.653	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	19388	17.415	ug/l #	80
82) 4-Chlorotoluene	13.223	91	171857	19.362	ug/l	96
83) tert-Butylbenzene	13.441	119	163558	19.641	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	202908	19.844	ug/l	96
85) sec-Butylbenzene	13.617	105	204327	19.396	ug/l	100
86) p-Isopropyltoluene	13.729	119	184874	19.645	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	100604	18.566	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	102816	18.881	ug/l	96
89) n-Butylbenzene	14.059	91	142271	18.063	ug/l	100
90) Hexachloroethane	14.335	117	33214	18.104	ug/l	69
91) 1,2-Dichlorobenzene	14.111	146	96922	18.691	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13518	16.300	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	48884	16.209	ug/l	97
94) Hexachlorobutadiene	15.506	225	28968	16.691	ug/l	99
95) Naphthalene	15.641	128	154800	17.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44932	15.895	ug/l	95

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

