

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080425.D
 Acq On : 08 Dec 2023 22:42
 Operator : JC\MD
 Sample : VN1208MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 09 04:29:29 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	8.224	168	342821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	570727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	508741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	252369	44.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.160%		
35) Dibromofluoromethane	8.165	113	200159	47.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	10.570	98	707741	46.621	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.240%		
62) 4-Bromofluorobenzene	12.853	95	263017	45.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75912	14.866	ug/l	100
3) Chloromethane	2.365	50	96338	25.093	ug/l	98
4) Vinyl Chloride	2.518	62	74103	18.239	ug/l	98
5) Bromomethane	2.959	94	31703	11.494	ug/l #	80
6) Chloroethane	3.124	64	51797	19.536	ug/l	99
7) Trichlorofluoromethane	3.500	101	134215	15.836	ug/l	95
8) Diethyl Ether	3.959	74	50758	20.592	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	60535	15.626	ug/l	94
10) Methyl Iodide	4.594	142	53031	12.667	ug/l	99
11) Tert butyl alcohol	5.518	59	67107	107.806	ug/l	99
12) 1,1-Dichloroethene	4.336	96	68406	18.879	ug/l	89
13) Acrolein	4.177	56	62708	113.831	ug/l	99
14) Allyl chloride	5.018	41	90619	19.878	ug/l	98
15) Acrylonitrile	5.718	53	169579	101.479	ug/l	99
16) Acetone	4.430	43	121081	63.686	ug/l	93
17) Carbon Disulfide	4.712	76	173392	16.027	ug/l	98
18) Methyl Acetate	5.024	43	122804	20.103	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	269547	21.065	ug/l	97
20) Methylene Chloride	5.271	84	87106	21.878	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	74480	18.711	ug/l #	82
22) Diisopropyl ether	6.671	45	225073	22.315	ug/l	93
23) Vinyl Acetate	6.606	43	606680	100.054	ug/l	94
24) 1,1-Dichloroethane	6.565	63	145456	19.801	ug/l	99
25) 2-Butanone	7.482	43	195693	86.632	ug/l	92
26) 2,2-Dichloropropane	7.488	77	126660	17.379	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	92833	20.570	ug/l	90
28) Bromochloromethane	7.818	49	51172	17.719	ug/l	95
29) Tetrahydrofuran	7.841	42	125008	103.079	ug/l	91
30) Chloroform	7.965	83	162906	19.841	ug/l	89
31) Cyclohexane	8.259	56	94586	15.365	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	147505	18.422	ug/l	95
36) 1,1-Dichloropropene	8.371	75	106096	17.401	ug/l	96
37) Ethyl Acetate	7.559	43	78732	18.617	ug/l	97
38) Carbon Tetrachloride	8.365	117	120779	15.610	ug/l	98
39) Methylcyclohexane	9.606	83	93169	15.848	ug/l	93
40) Benzene	8.606	78	337046	19.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	47200	20.323	ug/l	92
42) 1,2-Dichloroethane	8.671	62	131218	18.509	ug/l	98
43) Isopropyl Acetate	8.688	43	149033	18.109	ug/l	98
44) Trichloroethene	9.353	130	88480	19.466	ug/l	94
45) 1,2-Dichloropropane	9.623	63	82759	20.551	ug/l	92
46) Dibromomethane	9.712	93	59310	19.457	ug/l	90
47) Bromodichloromethane	9.894	83	126888	18.923	ug/l	99
48) Methyl methacrylate	9.682	41	86207	20.327	ug/l	87
49) 1,4-Dioxane	9.694	88	25670	363.826	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	421974	99.038	ug/l	100
52) Toluene	10.629	92	214128	19.745	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	135584	19.680	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	141625	20.122	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	83854	20.259	ug/l	98
56) Ethyl methacrylate	10.876	69	94949	22.455	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	150359	20.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	282170	118.453	ug/l	97
59) 2-Hexanone	11.194	43	305986	89.372	ug/l	99
60) Dibromochloromethane	11.359	129	96735	19.522	ug/l	97
61) 1,2-Dibromoethane	11.470	107	84376	19.982	ug/l	99
64) Tetrachloroethene	11.106	164	75611	19.475	ug/l	97
65) Chlorobenzene	11.894	112	223855	19.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	86352	19.303	ug/l	93
67) Ethyl Benzene	11.965	91	387721	18.901	ug/l	96
68) m/p-Xylenes	12.070	106	287888	38.492	ug/l	90
69) o-Xylene	12.400	106	144869	20.553	ug/l	90
70) Styrene	12.412	104	215858	20.576	ug/l	95
71) Bromoform	12.582	173	62181	18.743	ug/l #	99
73) Isopropylbenzene	12.694	105	355315	21.811	ug/l	99
74) N-amyl acetate	12.494	43	124489	24.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	104384	21.409	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	99467m	19.365	ug/l	
77) Bromobenzene	12.982	156	89499	21.791	ug/l	98
78) n-propylbenzene	13.035	91	381564	20.946	ug/l	99
79) 2-Chlorotoluene	13.123	91	256854	21.710	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	297639	20.989	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	35040	23.048	ug/l #	83
82) 4-Chlorotoluene	13.223	91	252948	20.869	ug/l	96
83) tert-Butylbenzene	13.441	119	240358	21.136	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	300973	21.554	ug/l	97
85) sec-Butylbenzene	13.617	105	296629	20.620	ug/l	100
86) p-Isopropyltoluene	13.729	119	267172	20.790	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	136929	18.505	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	139125	18.709	ug/l	97
89) n-Butylbenzene	14.059	91	206291	19.179	ug/l	100
90) Hexachloroethane	14.335	117	29290	11.691	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	130985	18.498	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19722	17.415	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	69347	16.838	ug/l	98
94) Hexachlorobutadiene	15.500	225	29478	12.438	ug/l	95
95) Naphthalene	15.641	128	235430	19.713	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	68047	17.628	ug/l	96

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

