

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080575.D
 Acq On : 21 Dec 2023 15:51
 Operator : JC\MD
 Sample : VN1221MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2023
 Supervised By : Mahesh Dadoda 12/22/2023

Quant Time: Dec 22 04:02:02 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	324796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	540522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	459237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	224854	54.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.400%			
35) Dibromofluoromethane	8.165	113	182391	53.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.571	98	659287	51.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.847	95	234860	48.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	70212	16.916	ug/l	98
3) Chloromethane	2.365	50	74523	16.881	ug/l	99
4) Vinyl Chloride	2.512	62	62473	17.624	ug/l	99
5) Bromomethane	2.959	94	29869	18.690	ug/l	95
6) Chloroethane	3.124	64	40327	17.705	ug/l	92
7) Trichlorofluoromethane	3.500	101	122258	17.005	ug/l	96
8) Diethyl Ether	3.965	74	44560	19.677	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	63107	18.519	ug/l	95
10) Methyl Iodide	4.589	142	47304	15.782	ug/l	99
11) Tert butyl alcohol	5.506	59	47444	97.109	ug/l	99
12) 1,1-Dichloroethene	4.342	96	64006	18.331	ug/l	88
13) Acrolein	4.177	56	63851	119.337	ug/l	99
14) Allyl chloride	5.018	41	85728	19.844	ug/l	97
15) Acrylonitrile	5.718	53	153028	110.852	ug/l	100
16) Acetone	4.418	43	98609	134.060	ug/l	99
17) Carbon Disulfide	4.712	76	162020	16.373	ug/l	97
18) Methyl Acetate	5.024	43	114972	24.292	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	231574	19.879	ug/l	100
20) Methylene Chloride	5.277	84	76321	19.388	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	69375	18.324	ug/l #	82
22) Diisopropyl ether	6.671	45	206648	22.163	ug/l	92
23) Vinyl Acetate	6.600	43	529935	98.960	ug/l	93
24) 1,1-Dichloroethane	6.565	63	130635	20.082	ug/l	97
25) 2-Butanone	7.483	43	167243	118.027	ug/l	93
26) 2,2-Dichloropropane	7.488	77	118126	17.758	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	82908	19.346	ug/l	90
28) Bromochloromethane	7.812	49	55088	22.056	ug/l	94
29) Tetrahydrofuran	7.835	42	103547	102.049	ug/l	92
30) Chloroform	7.965	83	141552	19.603	ug/l	91
31) Cyclohexane	8.259	56	98498	17.460	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	128234	18.138	ug/l	97
36) 1,1-Dichloropropene	8.371	75	98670	17.608	ug/l	96
37) Ethyl Acetate	7.559	43	72867	20.766	ug/l	98
38) Carbon Tetrachloride	8.365	117	108784	16.247	ug/l	98
39) Methylcyclohexane	9.606	83	90557	15.556	ug/l	90
40) Benzene	8.606	78	304354	18.809	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	41073	20.304	ug/l	93
42) 1,2-Dichloroethane	8.671	62	108256	18.067	ug/l	99
43) Isopropyl Acetate	8.688	43	126846	20.105	ug/l	97
44) Trichloroethene	9.353	130	76480	17.532	ug/l	97
45) 1,2-Dichloropropane	9.624	63	76850	20.221	ug/l	97
46) Dibromomethane	9.706	93	51356	18.817	ug/l	92
47) Bromodichloromethane	9.888	83	108663	18.577	ug/l	94
48) Methyl methacrylate	9.682	41	70615	18.755	ug/l	90
49) 1,4-Dioxane	9.694	88	21330	373.763	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	361186	103.946	ug/l	100
52) Toluene	10.629	92	188684	18.458	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	113259	17.896	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	119398	17.651	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	73216	19.906	ug/l	95
56) Ethyl methacrylate	10.876	69	74956	18.407	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	125618	19.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	222134	86.407	ug/l	96
59) 2-Hexanone	11.194	43	262883	102.479	ug/l	98
60) Dibromochloromethane	11.359	129	79970	18.348	ug/l	100
61) 1,2-Dibromoethane	11.471	107	70940	18.635	ug/l	97
64) Tetrachloroethene	11.106	164	62467	17.618	ug/l	97
65) Chlorobenzene	11.894	112	192676	18.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	73242	18.272	ug/l	94
67) Ethyl Benzene	11.965	91	333935	17.777	ug/l	96
68) m/p-Xylenes	12.071	106	247674	35.682	ug/l	91
69) o-Xylene	12.400	106	124062	18.273	ug/l	94
70) Styrene	12.412	104	179102	18.314	ug/l	94
71) Bromoform	12.576	173	51820	17.727	ug/l #	99
73) Isopropylbenzene	12.694	105	308387	18.549	ug/l	99
74) N-amyl acetate	12.494	43	98621	20.314	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	92272	20.712	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	82635m	20.015	ug/l	
77) Bromobenzene	12.982	156	76765	18.770	ug/l	98
78) n-propylbenzene	13.035	91	342575	18.689	ug/l	98
79) 2-Chlorotoluene	13.123	91	223128	18.645	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	261039	18.231	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	29129m	18.524	ug/l	
82) 4-Chlorotoluene	13.223	91	221073	17.972	ug/l	98
83) tert-Butylbenzene	13.441	119	213117	18.174	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	265991	18.673	ug/l	98
85) sec-Butylbenzene	13.617	105	264616	17.640	ug/l	99
86) p-Isopropyltoluene	13.729	119	241909	17.860	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	130157	18.063	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	133898	18.408	ug/l	98
89) n-Butylbenzene	14.059	91	202922	17.940	ug/l	99
90) Hexachloroethane	14.335	117	38585	17.938	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	127443	18.625	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17918	19.121	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	70257	18.493	ug/l	98
94) Hexachlorobutadiene	15.500	225	34438	15.923	ug/l	99
95) Naphthalene	15.641	128	222974	19.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	68290	18.627	ug/l	98

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

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