

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081028.D
 Acq On : 14 Feb 2024 16:22
 Operator : JC\MD
 Sample : VN0214MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

02/15/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Feb 15 08:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	708196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1237098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1042186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	394066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	411036	47.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	8.165	113	335750	47.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	10.571	98	1177609	47.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.853	95	393218	46.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	192787	21.225	ug/l	99
3) Chloromethane	2.365	50	219846	19.938	ug/l	94
4) Vinyl Chloride	2.518	62	184739	19.367	ug/l	98
5) Bromomethane	2.959	94	95731	19.890	ug/l	98
6) Chloroethane	3.124	64	110887	18.080	ug/l	100
7) Trichlorofluoromethane	3.495	101	268950	20.030	ug/l	98
8) Diethyl Ether	3.953	74	105627	19.842	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	157782	19.913	ug/l #	88
10) Methyl Iodide	4.589	142	152645	18.970	ug/l #	98
11) Tert butyl alcohol	5.512	59	153025	97.934	ug/l	99
12) 1,1-Dichloroethene	4.336	96	154542	20.022	ug/l	89
13) Acrolein	4.177	56	128699	98.746	ug/l	98
14) Allyl chloride	5.018	41	231066	18.382	ug/l	93
15) Acrylonitrile	5.718	53	390375	97.548	ug/l	97
16) Acetone	4.424	43	286957	84.150	ug/l	100
17) Carbon Disulfide	4.712	76	404758	18.099	ug/l #	95
18) Methyl Acetate	5.018	43	179034	19.934	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	530208	19.686	ug/l	97
20) Methylene Chloride	5.277	84	169634	19.098	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	161358	19.015	ug/l	91
22) Diisopropyl ether	6.665	45	539140	19.609	ug/l #	92
23) Vinyl Acetate	6.600	43	2203525	99.435	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	304154	19.838	ug/l	95
25) 2-Butanone	7.483	43	523590	94.579	ug/l	97
26) 2,2-Dichloropropane	7.489	77	283351	20.081	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	189812	19.355	ug/l	91
28) Bromochloromethane	7.818	49	138002	22.295	ug/l #	68
29) Tetrahydrofuran	7.841	42	351953	98.923	ug/l	89
30) Chloroform	7.965	83	323593	19.666	ug/l	100
31) Cyclohexane	8.259	56	287696	19.012	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	282944	19.474	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	236312	19.968	ug/l	98
37) Ethyl Acetate	7.559	43	225351	20.816	ug/l	98
38) Carbon Tetrachloride	8.365	117	189240	21.846	ug/l	97
39) Methylcyclohexane	9.600	83	293538	20.161	ug/l	93
40) Benzene	8.606	78	701064	20.032	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	128809	19.601	ug/l	96
42) 1,2-Dichloroethane	8.671	62	243824	19.628	ug/l	98
43) Isopropyl Acetate	8.688	43	393063	19.380	ug/l #	97
44) Trichloroethene	9.353	130	194380	18.752	ug/l	97
45) 1,2-Dichloropropane	9.624	63	172597	19.937	ug/l	100
46) Dibromomethane	9.712	93	125354	20.514	ug/l	91
47) Bromodichloromethane	9.888	83	243903	20.366	ug/l #	99
48) Methyl methacrylate	9.682	41	186896	19.572	ug/l	94
49) 1,4-Dioxane	9.694	88	66944	363.479	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1142584	101.013	ug/l	96
52) Toluene	10.635	92	437287	20.003	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	274219	19.435	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	294000	19.702	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	166226	20.220	ug/l	95
56) Ethyl methacrylate	10.877	69	272522	20.246	ug/l	90
57) 1,3-Dichloropropane	11.165	76	293890	20.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	642870	96.252	ug/l #	89
59) 2-Hexanone	11.200	43	836579	100.706	ug/l	95
60) Dibromochloromethane	11.359	129	158042	20.218	ug/l	99
61) 1,2-Dibromoethane	11.471	107	169731	19.636	ug/l	97
64) Tetrachloroethene	11.106	164	208189	19.595	ug/l	90
65) Chlorobenzene	11.894	112	431707	19.754	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	152044	20.208	ug/l	98
67) Ethyl Benzene	11.965	91	838154	20.343	ug/l	99
68) m/p-Xylenes	12.071	106	617340	40.632	ug/l	99
69) o-Xylene	12.400	106	298169	20.235	ug/l	96
70) Styrene	12.412	104	472841	20.133	ug/l	99
71) Bromoform	12.582	173	82934	21.666	ug/l #	97
73) Isopropylbenzene	12.694	105	778670	19.557	ug/l	99
74) N-amyl acetate	12.494	43	354372	19.346	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	186954	19.131	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	174194m	20.006	ug/l	
77) Bromobenzene	12.982	156	153121	18.987	ug/l	77
78) n-propylbenzene	13.035	91	878889	19.345	ug/l	97
79) 2-Chlorotoluene	13.129	91	498484	18.996	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	607295	19.660	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	72566	19.400	ug/l	90
82) 4-Chlorotoluene	13.223	91	484785	19.117	ug/l	96
83) tert-Butylbenzene	13.441	119	526293	19.896	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	578508	19.438	ug/l	98
85) sec-Butylbenzene	13.618	105	722502	19.909	ug/l	95
86) p-Isopropyltoluene	13.729	119	575066	19.705	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	266968	19.468	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	262135	18.500	ug/l	98
89) n-Butylbenzene	14.059	91	496390	18.582	ug/l	97
90) Hexachloroethane	14.335	117	15281	33.296	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	260359	19.585	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37732	18.132	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	146191	18.357	ug/l	99
94) Hexachlorobutadiene	15.506	225	59799	18.155	ug/l	96
95) Naphthalene	15.641	128	514547	18.161	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	144428	18.506	ug/l	99

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

