

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081040.D
 Acq On : 15 Feb 2024 15:31
 Operator : JC\MD
 Sample : VN0215MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

02/16/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Feb 16 00:25:20 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	498376	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	868686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	788572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	321695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	277464	45.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.520%
35) Dibromofluoromethane	8.165	113	236580	47.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	10.565	98	839001	47.764	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.847	95	329540	55.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	127853	20.003	ug/l	99
3) Chloromethane	2.365	50	147836	19.043	ug/l	97
4) Vinyl Chloride	2.518	62	125494	18.694	ug/l	95
5) Bromomethane	2.959	94	65170	19.241	ug/l	85
6) Chloroethane	3.124	64	76704	17.772	ug/l	96
7) Trichlorofluoromethane	3.501	101	187792	19.874	ug/l	98
8) Diethyl Ether	3.959	74	71810	19.168	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	106269	19.058	ug/l	89
10) Methyl Iodide	4.583	142	99590	17.587	ug/l	93
11) Tert butyl alcohol	5.512	59	101895	92.666	ug/l	100
12) 1,1-Dichloroethene	4.336	96	100652	18.530	ug/l	88
13) Acrolein	4.177	56	89439	97.408	ug/l	99
14) Allyl chloride	5.018	41	152918	17.287	ug/l #	92
15) Acrylonitrile	5.718	53	271628	96.451	ug/l	98
16) Acetone	4.424	43	189781	79.084	ug/l #	88
17) Carbon Disulfide	4.712	76	274979	17.472	ug/l #	95
18) Methyl Acetate	5.024	43	116811	18.481	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	353243	18.638	ug/l	99
20) Methylene Chloride	5.277	84	118335	18.931	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	109272	18.299	ug/l	85
22) Diisopropyl ether	6.665	45	355064	18.351	ug/l #	95
23) Vinyl Acetate	6.600	43	1586533	101.734	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	200778	18.609	ug/l	98
25) 2-Butanone	7.483	43	333316	85.557	ug/l	96
26) 2,2-Dichloropropane	7.489	77	186563	18.788	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	128654	18.642	ug/l	90
28) Bromochloromethane	7.812	49	80174	18.406	ug/l #	65
29) Tetrahydrofuran	7.836	42	231548	92.480	ug/l #	89
30) Chloroform	7.965	83	211982	18.307	ug/l	96
31) Cyclohexane	8.253	56	185001	17.372	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	189779	18.561	ug/l #	90
36) 1,1-Dichloropropene	8.371	75	155903	18.761	ug/l	97
37) Ethyl Acetate	7.559	43	144933	19.066	ug/l	98
38) Carbon Tetrachloride	8.359	117	159245	26.180	ug/l	94
39) Methylcyclohexane	9.600	83	192157	18.795	ug/l	92
40) Benzene	8.606	78	470223	19.135	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87064	18.867	ug/l	95
42) 1,2-Dichloroethane	8.671	62	163105	18.698	ug/l	98
43) Isopropyl Acetate	8.688	43	257747	18.097	ug/l #	96
44) Trichloroethene	9.353	130	121746	16.726	ug/l	95
45) 1,2-Dichloropropane	9.624	63	116582	19.178	ug/l	100
46) Dibromomethane	9.706	93	85066	19.825	ug/l #	90
47) Bromodichloromethane	9.888	83	166820	19.837	ug/l #	97
48) Methyl methacrylate	9.683	41	121847	18.171	ug/l	93
49) 1,4-Dioxane	9.694	88	49435	386.241	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	746317	93.963	ug/l	97
52) Toluene	10.630	92	297901	19.406	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	185963	18.770	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	193715	18.487	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	118904	20.598	ug/l	91
56) Ethyl methacrylate	10.877	69	182465	19.305	ug/l	89
57) 1,3-Dichloropropane	11.165	76	200335	19.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	428816	91.432	ug/l #	87
59) 2-Hexanone	11.194	43	560275	96.048	ug/l	96
60) Dibromochloromethane	11.359	129	126659	23.075	ug/l	97
61) 1,2-Dibromoethane	11.471	107	125910	20.744	ug/l	99
64) Tetrachloroethene	11.106	164	114748	14.273	ug/l	88
65) Chlorobenzene	11.894	112	325211	19.667	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	116860	20.527	ug/l	97
67) Ethyl Benzene	11.965	91	595716	19.109	ug/l	99
68) m/p-Xylenes	12.071	106	452646	39.374	ug/l	97
69) o-Xylene	12.400	106	222449	19.951	ug/l	97
70) Styrene	12.412	104	361571	20.347	ug/l	98
71) Bromoform	12.582	173	80599	27.828	ug/l #	98
73) Isopropylbenzene	12.694	105	591651	18.203	ug/l	99
74) N-amyl acetate	12.494	43	249076	16.657	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	146024	18.304	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	139062m	19.564	ug/l	
77) Bromobenzene	12.982	156	129864	19.726	ug/l	73
78) n-propylbenzene	13.035	91	693526	18.699	ug/l	96
79) 2-Chlorotoluene	13.124	91	408981	19.092	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	493223	19.559	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	57716	18.901	ug/l	93
82) 4-Chlorotoluene	13.224	91	396603	19.158	ug/l	95
83) tert-Butylbenzene	13.441	119	423595	19.616	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	486955	20.042	ug/l	96
85) sec-Butylbenzene	13.618	105	597289	20.162	ug/l	95
86) p-Isopropyltoluene	13.729	119	479248	20.117	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	216937	19.378	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	217510	18.804	ug/l	98
89) n-Butylbenzene	14.059	91	407484	18.686	ug/l	95
90) Hexachloroethane	14.335	117	57545	82.586	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	202983	18.704	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26287	15.274	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	115798	17.811	ug/l	100
94) Hexachlorobutadiene	15.506	225	47993	17.848	ug/l	92
95) Naphthalene	15.641	128	382989	16.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	115142	18.072	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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