

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081039.D
 Acq On : 15 Feb 2024 14:58
 Operator : JC\MD
 Sample : VN0215MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:25:00 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	574829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	986863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	890605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	342035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	320871	45.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.760%		
35) Dibromofluoromethane	8.165	113	271912	48.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.120%		
50) Toluene-d8	10.565	98	974935	48.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.853	95	355738	52.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	146917	19.928	ug/l	98
3) Chloromethane	2.365	50	171204	19.121	ug/l	98
4) Vinyl Chloride	2.512	62	145510	18.793	ug/l	95
5) Bromomethane	2.965	94	70847	18.135	ug/l	99
6) Chloroethane	3.118	64	85185	17.112	ug/l	98
7) Trichlorofluoromethane	3.501	101	214486	19.680	ug/l	90
8) Diethyl Ether	3.959	74	74323	17.201	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	123176	19.152	ug/l	# 88
10) Methyl Iodide	4.589	142	110621	16.937	ug/l	95
11) Tert butyl alcohol	5.506	59	109206	86.106	ug/l	# 87
12) 1,1-Dichloroethene	4.342	96	115395	18.419	ug/l	87
13) Acrolein	4.177	56	93351	87.338	ug/l	98
14) Allyl chloride	5.018	41	176568	17.306	ug/l	95
15) Acrylonitrile	5.712	53	289790	89.214	ug/l	97
16) Acetone	4.418	43	209101	75.546	ug/l	97
17) Carbon Disulfide	4.712	76	313973	17.297	ug/l	97
18) Methyl Acetate	5.018	43	128200	17.586	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	398166	18.214	ug/l	98
20) Methylene Chloride	5.277	84	129543	17.968	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	125857	18.273	ug/l	88
22) Diisopropyl ether	6.671	45	400416	17.943	ug/l	# 95
23) Vinyl Acetate	6.600	43	1597372	88.806	ug/l	# 94
24) 1,1-Dichloroethane	6.571	63	229113	18.410	ug/l	98
25) 2-Butanone	7.483	43	364718	81.166	ug/l	94
26) 2,2-Dichloropropane	7.489	77	211543	18.470	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	143485	18.025	ug/l	92
28) Bromochloromethane	7.812	49	91697	18.251	ug/l	# 66
29) Tetrahydrofuran	7.841	42	249594	86.429	ug/l	# 88
30) Chloroform	7.965	83	237890	17.812	ug/l	100
31) Cyclohexane	8.253	56	211787	17.242	ug/l	# 84
32) 1,1,1-Trichloroethane	8.165	97	222066	18.830	ug/l	# 87
36) 1,1-Dichloropropene	8.371	75	180443	19.113	ug/l	96
37) Ethyl Acetate	7.559	43	160805	18.620	ug/l	99
38) Carbon Tetrachloride	8.359	117	185599	26.859	ug/l	99
39) Methylcyclohexane	9.600	83	225299	19.398	ug/l	93
40) Benzene	8.606	78	530560	19.004	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	93864	17.905	ug/l	96
42) 1,2-Dichloroethane	8.671	62	183219	18.489	ug/l	100
43) Isopropyl Acetate	8.688	43	282480	17.459	ug/l #	95
44) Trichloroethene	9.353	130	140142	16.948	ug/l	93
45) 1,2-Dichloropropane	9.618	63	131961	19.108	ug/l	99
46) Dibromomethane	9.706	93	92157	18.905	ug/l #	90
47) Bromodichloromethane	9.888	83	188491	19.730	ug/l #	96
48) Methyl methacrylate	9.682	41	131446	17.255	ug/l	91
49) 1,4-Dioxane	9.694	88	52070	352.476	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	830184	92.005	ug/l	96
52) Toluene	10.629	92	342175	19.621	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	214001	19.013	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	223753	18.797	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	128992	19.670	ug/l #	91
56) Ethyl methacrylate	10.871	69	201292	18.746	ug/l	89
57) 1,3-Dichloropropane	11.165	76	228896	19.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	459859	86.309	ug/l #	88
59) 2-Hexanone	11.194	43	616907	93.093	ug/l	96
60) Dibromochloromethane	11.365	129	138803	22.259	ug/l	99
61) 1,2-Dibromoethane	11.471	107	132853	19.267	ug/l	95
64) Tetrachloroethene	11.106	164	126774	13.963	ug/l	94
65) Chlorobenzene	11.894	112	369323	19.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	132669	20.634	ug/l	97
67) Ethyl Benzene	11.965	91	676251	19.207	ug/l	99
68) m/p-Xylenes	12.071	106	513278	39.533	ug/l	98
69) o-Xylene	12.400	106	255591	20.298	ug/l	94
70) Styrene	12.412	104	400101	19.936	ug/l	98
71) Bromoform	12.582	173	81326	24.862	ug/l #	97
73) Isopropylbenzene	12.694	105	664925	19.241	ug/l	98
74) N-amyl acetate	12.494	43	277892	17.479	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	149253	17.596	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	143049m	18.928	ug/l	
77) Bromobenzene	12.982	156	139065	19.868	ug/l	74
78) n-propylbenzene	13.035	91	770330	19.535	ug/l	96
79) 2-Chlorotoluene	13.123	91	444749	19.527	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	534240	19.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	58891	18.139	ug/l	92
82) 4-Chlorotoluene	13.223	91	430997	19.582	ug/l	93
83) tert-Butylbenzene	13.441	119	458451	19.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	519516	20.111	ug/l	99
85) sec-Butylbenzene	13.618	105	643537	20.431	ug/l	93
86) p-Isopropyltoluene	13.729	119	525188	20.734	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	231552	19.454	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	232805	18.930	ug/l	97
89) n-Butylbenzene	14.059	91	439959	18.975	ug/l	96
90) Hexachloroethane	14.335	117	61442	82.775	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	216350	18.750	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28217	15.433	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	124498	18.011	ug/l	97
94) Hexachlorobutadiene	15.500	225	49447	17.296	ug/l	97
95) Naphthalene	15.641	128	404319	16.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	121685	17.964	ug/l	97

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

