

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081029.D
 Acq On : 14 Feb 2024 16:56
 Operator : JC\MD
 Sample : VN0214MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 08:02:57 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	536743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	944065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	827305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	328589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	319521	48.397	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.800%		
35) Dibromofluoromethane	8.165	113	259304	47.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	10.571	98	902215	47.262	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.520%		
62) 4-Bromofluorobenzene	12.853	95	341854	52.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	133497	19.393	ug/l	96
3) Chloromethane	2.365	50	154113	18.426	ug/l	97
4) Vinyl Chloride	2.518	62	132743	18.361	ug/l	95
5) Bromomethane	2.959	94	65077	17.840	ug/l	96
6) Chloroethane	3.124	64	79714	17.149	ug/l	99
7) Trichlorofluoromethane	3.495	101	187136	18.389	ug/l	90
8) Diethyl Ether	3.959	74	79602	19.730	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	110373	18.379	ug/l	91
10) Methyl Iodide	4.589	142	107738	17.666	ug/l	97
11) Tert butyl alcohol	5.518	59	116149	98.079	ug/l	100
12) 1,1-Dichloroethene	4.342	96	107796	18.427	ug/l	89
13) Acrolein	4.177	56	91856	92.495	ug/l	98
14) Allyl chloride	5.012	41	165709	17.394	ug/l	90
15) Acrylonitrile	5.718	53	297410	98.057	ug/l	97
16) Acetone	4.430	43	222865	86.232	ug/l	98
17) Carbon Disulfide	4.712	76	287839	16.982	ug/l #	95
18) Methyl Acetate	5.024	43	133397	19.597	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	387376	18.978	ug/l	93
20) Methylene Chloride	5.271	84	122560	18.206	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	114858	17.859	ug/l	93
22) Diisopropyl ether	6.671	45	390095	18.721	ug/l #	95
23) Vinyl Acetate	6.600	43	1577870m	93.947	ug/l	
24) 1,1-Dichloroethane	6.565	63	219463	18.886	ug/l	96
25) 2-Butanone	7.483	43	388426	92.576	ug/l	96
26) 2,2-Dichloropropane	7.489	77	196233	18.349	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	134628	18.113	ug/l	92
28) Bromochloromethane	7.812	49	87828	18.722	ug/l #	71
29) Tetrahydrofuran	7.836	42	257903	95.644	ug/l #	87
30) Chloroform	7.965	83	227349	18.231	ug/l	98
31) Cyclohexane	8.259	56	204494	17.830	ug/l #	79
32) 1,1,1-Trichloroethane	8.165	97	203573	18.487	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	167629	18.561	ug/l	96
37) Ethyl Acetate	7.559	43	167023	20.217	ug/l	99
38) Carbon Tetrachloride	8.365	117	136175	20.600	ug/l	95
39) Methylcyclohexane	9.606	83	202324	18.210	ug/l	87
40) Benzene	8.606	78	501134	18.764	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	92581	18.461	ug/l	96
42) 1,2-Dichloroethane	8.671	62	179837	18.970	ug/l	99
43) Isopropyl Acetate	8.688	43	292239	18.881	ug/l	97
44) Trichloroethene	9.353	130	133321	16.854	ug/l	97
45) 1,2-Dichloropropane	9.624	63	129459	19.596	ug/l	96
46) Dibromomethane	9.712	93	90537	19.415	ug/l	91
47) Bromodichloromethane	9.888	83	173349	18.967	ug/l #	96
48) Methyl methacrylate	9.683	41	136278	18.700	ug/l	92
49) 1,4-Dioxane	9.694	88	54199	390.334	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	846086	98.018	ug/l	96
52) Toluene	10.635	92	312155	18.711	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	201512	18.715	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	212776	18.685	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	122214	19.481	ug/l	92
56) Ethyl methacrylate	10.877	69	193404	18.828	ug/l	93
57) 1,3-Dichloropropane	11.165	76	212713	18.980	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	488767	95.894	ug/l #	89
59) 2-Hexanone	11.200	43	630484	99.454	ug/l	97
60) Dibromochloromethane	11.365	129	120235	20.155	ug/l	99
61) 1,2-Dibromoethane	11.471	107	128377	19.462	ug/l	97
64) Tetrachloroethene	11.106	164	142078	16.846	ug/l	90
65) Chlorobenzene	11.894	112	323352	18.639	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	115352	19.314	ug/l	97
67) Ethyl Benzene	11.965	91	606840	18.555	ug/l	97
68) m/p-Xylenes	12.076	106	457867	37.963	ug/l	98
69) o-Xylene	12.400	106	224151	19.163	ug/l	98
70) Styrene	12.412	104	367830	19.730	ug/l	97
71) Bromoform	12.582	173	71144	23.413	ug/l #	97
73) Isopropylbenzene	12.694	105	585124	17.625	ug/l	99
74) N-amyl acetate	12.494	43	273757	17.923	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	149601	18.359	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	126309m	17.397	ug/l	
77) Bromobenzene	12.982	156	125994	18.737	ug/l	79
78) n-propylbenzene	13.041	91	696696	18.390	ug/l	96
79) 2-Chlorotoluene	13.129	91	403908	18.459	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	474132	18.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	58636	18.800	ug/l	89
82) 4-Chlorotoluene	13.223	91	385511	18.232	ug/l	95
83) tert-Butylbenzene	13.441	119	409450	18.563	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	472141	19.025	ug/l	97
85) sec-Butylbenzene	13.618	105	574833	18.997	ug/l	94
86) p-Isopropyltoluene	13.729	119	469744	19.304	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	215825	18.874	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	218827	18.521	ug/l	97
89) n-Butylbenzene	14.059	91	395258	17.745	ug/l	98
90) Hexachloroethane	14.335	117	25144	51.147	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	205818	18.568	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33755	19.552	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	117279	17.661	ug/l	98
94) Hexachlorobutadiene	15.500	225	47065	17.136	ug/l	98
95) Naphthalene	15.641	128	417473	17.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	116858	17.957	ug/l	99

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

