

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084447.D
 Acq On : 21 Oct 2024 19:40
 Operator : JC\MD
 Sample : VN1021MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/22/2024
 Supervised By : Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 01:41:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119941	52.798	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.600%			
35) Dibromofluoromethane	8.165	113	96853	54.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.780%			
50) Toluene-d8	10.565	98	347772	53.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.847	95	126293	53.400	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31044	17.130	ug/l	94
3) Chloromethane	2.360	50	38091	18.408	ug/l	98
4) Vinyl Chloride	2.512	62	37105	18.511	ug/l	94
5) Bromomethane	2.954	94	24180	18.289	ug/l	92
6) Chloroethane	3.118	64	25716	17.914	ug/l	100
7) Trichlorofluoromethane	3.501	101	64466	20.654	ug/l	98
8) Diethyl Ether	3.965	74	22984	19.854	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	37154	20.774	ug/l	99
10) Methyl Iodide	4.589	142	44345	19.254	ug/l	93
11) Tert butyl alcohol	5.518	59	34592	92.348	ug/l	98
12) 1,1-Dichloroethene	4.342	96	34000	19.709	ug/l	90
13) Acrolein	4.183	56	22589	52.529	ug/l	99
14) Allyl chloride	5.030	41	54314	18.129	ug/l	97
15) Acrylonitrile	5.718	53	100956	106.727	ug/l	98
16) Acetone	4.430	43	81556	83.573	ug/l	95
17) Carbon Disulfide	4.712	76	86635	15.862	ug/l	99
18) Methyl Acetate	5.030	43	53563	25.183	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	122575	21.052	ug/l	100
20) Methylene Chloride	5.277	84	42500	21.424	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	37791	20.910	ug/l	97
22) Diisopropyl ether	6.677	45	135213	21.819	ug/l	97
23) Vinyl Acetate	6.606	43	436938	95.062	ug/l	100
24) 1,1-Dichloroethane	6.565	63	77262	22.294	ug/l	97
25) 2-Butanone	7.483	43	131430	98.883	ug/l	100
26) 2,2-Dichloropropane	7.489	77	59555	19.059	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	44955	20.584	ug/l	99
28) Bromochloromethane	7.812	49	33803	21.861	ug/l	94
29) Tetrahydrofuran	7.836	42	86918	105.967	ug/l	99
30) Chloroform	7.971	83	80961	22.490	ug/l	98
31) Cyclohexane	8.253	56	56954	16.926	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	70632	21.847	ug/l	97
36) 1,1-Dichloropropene	8.371	75	50177	19.577	ug/l	99
37) Ethyl Acetate	7.559	43	53407	20.311	ug/l	99
38) Carbon Tetrachloride	8.359	117	58475	20.798	ug/l	96
39) Methylcyclohexane	9.600	83	48684	17.067	ug/l	97
40) Benzene	8.606	78	170544	21.357	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29498	20.664	ug/l	99
42) 1,2-Dichloroethane	8.671	62	58114	21.466	ug/l	98
43) Isopropyl Acetate	8.688	43	87958	17.078	ug/l	97
44) Trichloroethene	9.353	130	39229	21.033	ug/l	98
45) 1,2-Dichloropropane	9.618	63	41637	22.041	ug/l	100
46) Dibromomethane	9.712	93	30130	23.635	ug/l	99
47) Bromodichloromethane	9.888	83	64202	22.668	ug/l	97
48) Methyl methacrylate	9.683	41	41457	20.221	ug/l	100
49) 1,4-Dioxane	9.700	88	15290	405.091	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	272933	109.036	ug/l	99
52) Toluene	10.630	92	104987	21.560	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59179	20.498	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	66208	21.320	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	41498	23.771	ug/l	98
56) Ethyl methacrylate	10.877	69	59541	20.728	ug/l	95
57) 1,3-Dichloropropane	11.165	76	69580	22.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	130592	98.004	ug/l	98
59) 2-Hexanone	11.194	43	198628	106.168	ug/l	100
60) Dibromochloromethane	11.359	129	47604	23.079	ug/l	100
61) 1,2-Dibromoethane	11.471	107	40151	22.135	ug/l	100
64) Tetrachloroethene	11.100	164	34220	20.208	ug/l	98
65) Chlorobenzene	11.888	112	112813	20.928	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	40487	21.806	ug/l	99
67) Ethyl Benzene	11.965	91	188635	19.788	ug/l	98
68) m/p-Xylenes	12.071	106	144299	40.921	ug/l	100
69) o-Xylene	12.400	106	69484	20.827	ug/l	99
70) Styrene	12.412	104	120261	21.281	ug/l	98
71) Bromoform	12.576	173	30297	22.164	ug/l #	98
73) Isopropylbenzene	12.694	105	173563	19.389	ug/l	100
74) N-amyl acetate	12.494	43	76010	18.751	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58918	21.889	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	46870m	19.571	ug/l	
77) Bromobenzene	12.982	156	44726	20.714	ug/l	96
78) n-propylbenzene	13.035	91	205245	19.789	ug/l	99
79) 2-Chlorotoluene	13.124	91	131350	19.847	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	151156	20.701	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19831	19.852	ug/l	93
82) 4-Chlorotoluene	13.218	91	134066	20.123	ug/l	99
83) tert-Butylbenzene	13.435	119	121396	18.705	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	153655	20.889	ug/l	99
85) sec-Butylbenzene	13.618	105	172423	19.909	ug/l	99
86) p-Isopropyltoluene	13.729	119	140792	19.660	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	81350	20.083	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	80418	19.659	ug/l	98
89) n-Butylbenzene	14.053	91	115585	17.800	ug/l	99
90) Hexachloroethane	14.335	117	28418	19.549	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	81360	20.484	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10494	18.893	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	35935	18.368	ug/l	99
94) Hexachlorobutadiene	15.500	225	16329	16.737	ug/l	97
95) Naphthalene	15.641	128	106767	16.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36255	18.513	ug/l	99

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

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