

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084431.D
 Acq On : 21 Oct 2024 13:00
 Operator : JC\MD
 Sample : VN1021MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 01:31:46 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	184180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125040	45.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.580%		
35) Dibromofluoromethane	8.165	113	101184	49.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.040%		
50) Toluene-d8	10.565	98	376815	50.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.260%		
62) 4-Bromofluorobenzene	12.847	95	134383	49.072	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32649	14.986	ug/l	100
3) Chloromethane	2.359	50	37187	14.949	ug/l	100
4) Vinyl Chloride	2.512	62	36627	15.201	ug/l	96
5) Bromomethane	2.953	94	24108	15.168	ug/l	90
6) Chloroethane	3.118	64	23845	13.818	ug/l #	87
7) Trichlorofluoromethane	3.501	101	63226	16.851	ug/l	94
8) Diethyl Ether	3.959	74	21756	15.634	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	37188	17.297	ug/l	99
10) Methyl Iodide	4.583	142	43988	15.888	ug/l	93
11) Tert butyl alcohol	5.518	59	32928	73.126	ug/l	97
12) 1,1-Dichloroethene	4.342	96	33514	16.161	ug/l	97
13) Acrolein	4.177	56	24726	47.832	ug/l	97
14) Allyl chloride	5.024	41	54390	15.102	ug/l	96
15) Acrylonitrile	5.724	53	97998	86.182	ug/l	99
16) Acetone	4.430	43	94876	80.876	ug/l	94
17) Carbon Disulfide	4.712	76	85874	13.079	ug/l	96
18) Methyl Acetate	5.024	43	52860	20.674	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	118201	16.888	ug/l	95
20) Methylene Chloride	5.277	84	41026	17.204	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	36033	16.585	ug/l	95
22) Diisopropyl ether	6.665	45	128659	17.271	ug/l	98
23) Vinyl Acetate	6.606	43	423526	76.652	ug/l	100
24) 1,1-Dichloroethane	6.565	63	73959	17.753	ug/l	98
25) 2-Butanone	7.483	43	132945	83.206	ug/l	98
26) 2,2-Dichloropropane	7.488	77	64654	17.212	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	45722	17.416	ug/l	96
28) Bromochloromethane	7.812	49	32334	17.395	ug/l	97
29) Tetrahydrofuran	7.835	42	85251	86.460	ug/l	99
30) Chloroform	7.965	83	78435	18.125	ug/l	98
31) Cyclohexane	8.259	56	59713	14.763	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	68784	17.698	ug/l	97
36) 1,1-Dichloropropene	8.371	75	49830	16.791	ug/l	99
37) Ethyl Acetate	7.559	43	50975	16.742	ug/l	99
38) Carbon Tetrachloride	8.359	117	56936	17.489	ug/l	97
39) Methylcyclohexane	9.600	83	50079	15.162	ug/l	98
40) Benzene	8.606	78	164088	17.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28756	17.397	ug/l	94
42) 1,2-Dichloroethane	8.671	62	56030	17.874	ug/l	99
43) Isopropyl Acetate	8.688	43	83375	13.981	ug/l	96
44) Trichloroethene	9.347	130	38196	17.687	ug/l	99
45) 1,2-Dichloropropane	9.618	63	41237	18.852	ug/l	98
46) Dibromomethane	9.706	93	28666	19.420	ug/l	99
47) Bromodichloromethane	9.888	83	62245	18.980	ug/l #	96
48) Methyl methacrylate	9.682	41	39127	16.482	ug/l	95
49) 1,4-Dioxane	9.694	88	15645	357.973	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	271226	93.579	ug/l	99
52) Toluene	10.629	92	103523	18.360	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59001	17.649	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	63615	17.692	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	41122	20.344	ug/l	94
56) Ethyl methacrylate	10.871	69	57211	17.201	ug/l	95
57) 1,3-Dichloropropane	11.165	76	65711	18.193	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	136727	88.615	ug/l	97
59) 2-Hexanone	11.194	43	198975	91.851	ug/l	99
60) Dibromochloromethane	11.359	129	45140	18.900	ug/l	98
61) 1,2-Dibromoethane	11.465	107	38865	18.504	ug/l	100
64) Tetrachloroethene	11.100	164	34666	18.342	ug/l	94
65) Chlorobenzene	11.888	112	110914	18.435	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39035	18.836	ug/l	99
67) Ethyl Benzene	11.965	91	188857	17.750	ug/l	99
68) m/p-Xylenes	12.071	106	144677	36.759	ug/l	98
69) o-Xylene	12.400	106	69088	18.553	ug/l	98
70) Styrene	12.412	104	117702	18.661	ug/l	98
71) Bromoform	12.582	173	30303	19.862	ug/l #	98
73) Isopropylbenzene	12.694	105	173873	17.212	ug/l	99
74) N-amyl acetate	12.494	43	71639	15.660	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	55826	18.378	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	46691m	17.276	ug/l	
77) Bromobenzene	12.982	156	43959	18.040	ug/l	96
78) n-propylbenzene	13.035	91	209532	17.902	ug/l	99
79) 2-Chlorotoluene	13.123	91	133164	17.830	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	150701	18.288	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18781	16.660	ug/l	98
82) 4-Chlorotoluene	13.218	91	135114	17.971	ug/l	99
83) tert-Butylbenzene	13.435	119	126250	17.238	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	151761	18.282	ug/l	99
85) sec-Butylbenzene	13.612	105	174301	17.834	ug/l	100
86) p-Isopropyltoluene	13.729	119	143909	17.807	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82119	17.964	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	84133	18.225	ug/l	98
89) n-Butylbenzene	14.053	91	118795	16.211	ug/l	99
90) Hexachloroethane	14.329	117	28135	17.151	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	79714	17.784	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10634	16.965	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	35653	16.149	ug/l	95
94) Hexachlorobutadiene	15.500	225	17934	16.288	ug/l	96
95) Naphthalene	15.641	128	112902	15.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36103	16.336	ug/l	97

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

