

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100724\
 Data File : VN084332.D
 Acq On : 07 Oct 2024 14:43
 Operator : JC\MD
 Sample : VN1007MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/08/2024
 Supervised By :Semsettin Yesilyurt 10/08/2024

Quant Time: Oct 08 03:58:53 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	170357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122108	48.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.680%		
35) Dibromofluoromethane	8.165	113	94713	48.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	10.565	98	348574	48.778	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.847	95	129072	49.578	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36310	18.019	ug/l	92
3) Chloromethane	2.360	50	40305	17.518	ug/l	98
4) Vinyl Chloride	2.512	62	39813	17.864	ug/l	97
5) Bromomethane	2.959	94	24984	16.995	ug/l	99
6) Chloroethane	3.124	64	24210	15.168	ug/l	97
7) Trichlorofluoromethane	3.501	101	62644	18.050	ug/l	100
8) Diethyl Ether	3.959	74	24248	18.839	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	36382	18.296	ug/l	99
10) Methyl Iodide	4.589	142	48055	18.765	ug/l	97
11) Tert butyl alcohol	5.518	59	34029	81.704	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	34298	17.881	ug/l	95
13) Acrolein	4.183	56	39208	82.001	ug/l	97
14) Allyl chloride	5.024	41	55115	16.545	ug/l	98
15) Acrylonitrile	5.718	53	96611	91.856	ug/l	99
16) Acetone	4.430	43	82770	76.282	ug/l	98
17) Carbon Disulfide	4.712	76	93675	15.425	ug/l	99
18) Methyl Acetate	5.030	43	47455	20.066	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	129267	19.967	ug/l	96
20) Methylene Chloride	5.271	84	41245	18.699	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	36514	18.170	ug/l	87
22) Diisopropyl ether	6.671	45	136048	19.744	ug/l	98
23) Vinyl Acetate	6.606	43	484450	94.793	ug/l	98
24) 1,1-Dichloroethane	6.565	63	73670	19.119	ug/l	97
25) 2-Butanone	7.483	43	128464	86.925	ug/l	97
26) 2,2-Dichloropropane	7.489	77	58087	16.719	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	45950	18.923	ug/l	96
28) Bromochloromethane	7.812	49	38968	22.666	ug/l	100
29) Tetrahydrofuran	7.841	42	85456	93.700	ug/l	99
30) Chloroform	7.965	83	75595	18.886	ug/l	96
31) Cyclohexane	8.259	56	64363	17.203	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	66634	18.536	ug/l	98
36) 1,1-Dichloropropene	8.371	75	50663	17.957	ug/l	98
37) Ethyl Acetate	7.559	43	53951	18.639	ug/l	99
38) Carbon Tetrachloride	8.359	117	57037	18.430	ug/l	95
39) Methylcyclohexane	9.600	83	55876	17.795	ug/l	97
40) Benzene	8.606	78	166558	18.948	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	29265	18.624	ug/l	97
42) 1,2-Dichloroethane	8.671	62	57892	19.426	ug/l	98
43) Isopropyl Acetate	8.688	43	90262	15.921	ug/l	97
44) Trichloroethene	9.347	130	39039	19.015	ug/l	89
45) 1,2-Dichloropropane	9.618	63	41074	19.752	ug/l	95
46) Dibromomethane	9.706	93	28675	20.434	ug/l	97
47) Bromodichloromethane	9.888	83	61915	19.859	ug/l #	98
48) Methyl methacrylate	9.683	41	43149	19.119	ug/l	98
49) 1,4-Dioxane	9.694	88	15132	364.201	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	267163	96.960	ug/l	98
52) Toluene	10.630	92	103709	19.347	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61385	19.315	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	64798	18.956	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	39993	20.812	ug/l	96
56) Ethyl methacrylate	10.871	69	61974	19.600	ug/l	97
57) 1,3-Dichloropropane	11.165	76	68390	19.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	129523	88.302	ug/l	99
59) 2-Hexanone	11.194	43	192099	93.278	ug/l	100
60) Dibromochloromethane	11.359	129	46159	20.330	ug/l	98
61) 1,2-Dibromoethane	11.465	107	39156	19.610	ug/l	99
64) Tetrachloroethene	11.100	164	33574	18.083	ug/l	97
65) Chlorobenzene	11.888	112	109855	18.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	38650	18.986	ug/l	98
67) Ethyl Benzene	11.965	91	191347	18.307	ug/l	99
68) m/p-Xylenes	12.071	106	146148	37.800	ug/l	100
69) o-Xylene	12.400	106	69371	18.964	ug/l	96
70) Styrene	12.412	104	118661	19.151	ug/l	99
71) Bromoform	12.576	173	28195	18.812	ug/l #	100
73) Isopropylbenzene	12.694	105	176872	18.724	ug/l	100
74) N-amyl acetate	12.494	43	79588	18.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	54363	19.139	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	45923m	18.171	ug/l	
77) Bromobenzene	12.982	156	42860	18.810	ug/l	100
78) n-propylbenzene	13.035	91	210230	19.209	ug/l	100
79) 2-Chlorotoluene	13.124	91	132485	18.970	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	152443	19.784	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18411	17.466	ug/l	89
82) 4-Chlorotoluene	13.218	91	131216	18.664	ug/l	98
83) tert-Butylbenzene	13.435	119	127732	18.651	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	154666	19.925	ug/l	99
85) sec-Butylbenzene	13.618	105	176839	19.350	ug/l	99
86) p-Isopropyltoluene	13.729	119	146257	19.353	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	78489	18.362	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	79244	18.357	ug/l	99
89) n-Butylbenzene	14.059	91	126044	18.394	ug/l	99
90) Hexachloroethane	14.335	117	27090	17.660	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	75641	18.047	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10560	18.016	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	38435	18.617	ug/l	96
94) Hexachlorobutadiene	15.494	225	16167	15.703	ug/l	98
95) Naphthalene	15.635	128	125962	18.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37526	18.159	ug/l	99

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

