

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084481.D
 Acq On : 24 Oct 2024 12:22
 Operator : JC\MD
 Sample : VN1024MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:57:45 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	166299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122704	49.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.520%		
35) Dibromofluoromethane	8.165	113	99978	52.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.900%		
50) Toluene-d8	10.565	98	354102	50.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.847	95	126570	50.017	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28640	14.560	ug/l	96
3) Chloromethane	2.359	50	37447	16.672	ug/l	99
4) Vinyl Chloride	2.512	62	39475	18.144	ug/l	98
5) Bromomethane	2.959	94	26200	18.257	ug/l	96
6) Chloroethane	3.124	64	29347	18.835	ug/l	95
7) Trichlorofluoromethane	3.495	101	64159	18.938	ug/l	99
8) Diethyl Ether	3.965	74	23339	18.575	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	37604	19.372	ug/l	100
10) Methyl Iodide	4.589	142	45978	18.392	ug/l	95
11) Tert butyl alcohol	5.518	59	34066	83.788	ug/l	97
12) 1,1-Dichloroethene	4.342	96	36328	19.402	ug/l	98
13) Acrolein	4.183	56	47421	101.598	ug/l	98
14) Allyl chloride	5.018	41	59082	18.169	ug/l	96
15) Acrylonitrile	5.718	53	101770	99.122	ug/l	98
16) Acetone	4.430	43	90839	85.761	ug/l	100
17) Carbon Disulfide	4.712	76	102352	17.265	ug/l	100
18) Methyl Acetate	5.024	43	45294	19.619	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	124107	19.638	ug/l	99
20) Methylene Chloride	5.277	84	43470	20.189	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	39190	19.978	ug/l	95
22) Diisopropyl ether	6.671	45	137777	20.483	ug/l	99
23) Vinyl Acetate	6.600	43	473623	94.936	ug/l	99
24) 1,1-Dichloroethane	6.565	63	77411	20.580	ug/l	100
25) 2-Butanone	7.483	43	135333	93.808	ug/l	95
26) 2,2-Dichloropropane	7.489	77	64914	19.140	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	46536	19.632	ug/l	99
28) Bromochloromethane	7.812	49	32197	19.184	ug/l	96
29) Tetrahydrofuran	7.841	42	84361	94.757	ug/l	96
30) Chloroform	7.965	83	81540	20.869	ug/l	96
31) Cyclohexane	8.253	56	62595	17.139	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	71763	20.450	ug/l	97
36) 1,1-Dichloropropene	8.371	75	53755	19.602	ug/l	99
37) Ethyl Acetate	7.559	43	53671	19.077	ug/l	99
38) Carbon Tetrachloride	8.365	117	60447	20.094	ug/l	96
39) Methylcyclohexane	9.600	83	55172	18.076	ug/l	96
40) Benzene	8.606	78	175892	20.586	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30554	20.004	ug/l	97
42) 1,2-Dichloroethane	8.671	62	59526	20.550	ug/l	100
43) Isopropyl Acetate	8.688	43	89561	16.252	ug/l	98
44) Trichloroethene	9.353	130	39895	19.991	ug/l	93
45) 1,2-Dichloropropane	9.624	63	43019	21.283	ug/l	96
46) Dibromomethane	9.706	93	29524	21.645	ug/l	96
47) Bromodichloromethane	9.888	83	62690	20.687	ug/l	98
48) Methyl methacrylate	9.677	41	42466	19.358	ug/l	99
49) 1,4-Dioxane	9.694	88	15155	375.256	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	276494	103.235	ug/l	100
52) Toluene	10.630	92	109561	21.028	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	62019	20.077	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	67095	20.193	ug/l #	94
55) 1,1,2-Trichloroethane	11.012	97	40139	21.489	ug/l	96
56) Ethyl methacrylate	10.871	69	62073	20.196	ug/l	98
57) 1,3-Dichloropropane	11.165	76	69450	20.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	138202	96.932	ug/l	98
59) 2-Hexanone	11.194	43	199391	99.606	ug/l	100
60) Dibromochloromethane	11.359	129	47971	21.736	ug/l	100
61) 1,2-Dibromoethane	11.465	107	39548	20.376	ug/l	99
64) Tetrachloroethene	11.100	164	36148	20.447	ug/l	97
65) Chlorobenzene	11.888	112	117216	20.828	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	41425	21.371	ug/l	99
67) Ethyl Benzene	11.959	91	193557	19.448	ug/l	100
68) m/p-Xylenes	12.071	106	151770	41.225	ug/l	99
69) o-Xylene	12.394	106	70860	20.344	ug/l	100
70) Styrene	12.412	104	122607	20.782	ug/l	98
71) Bromoform	12.576	173	30754	21.550	ug/l #	99
73) Isopropylbenzene	12.694	105	179829	19.361	ug/l	100
74) N-amyl acetate	12.494	43	78029	18.552	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	56859	20.358	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	54155m	21.793	ug/l	
77) Bromobenzene	12.982	156	44819	20.004	ug/l	97
78) n-propylbenzene	13.035	91	212241	19.722	ug/l	98
79) 2-Chlorotoluene	13.124	91	135931	19.795	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	154140	20.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18845	18.182	ug/l	96
82) 4-Chlorotoluene	13.218	91	138960	20.102	ug/l	100
83) tert-Butylbenzene	13.435	119	121795	18.086	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	154934	20.299	ug/l	98
85) sec-Butylbenzene	13.612	105	178808	19.898	ug/l	98
86) p-Isopropyltoluene	13.729	119	146483	19.713	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82089	19.531	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83157	19.592	ug/l	99
89) n-Butylbenzene	14.053	91	119005	17.662	ug/l	99
90) Hexachloroethane	14.335	117	27724	18.381	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	78513	19.051	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10540	18.288	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	37249	18.350	ug/l	99
94) Hexachlorobutadiene	15.500	225	17609	17.395	ug/l	96
95) Naphthalene	15.635	128	114105	16.956	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	37514	18.462	ug/l	97

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

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