

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100724\
 Data File : VN084331.D
 Acq On : 07 Oct 2024 13:56
 Operator : JC\MD
 Sample : VN1007MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 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 03:57:59 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	189397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130185	46.359	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.720%
35) Dibromofluoromethane	8.165	113	100863	46.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.420%
50) Toluene-d8	10.565	98	386812	48.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.847	95	138663	47.909	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36271	16.190	ug/l	91
3) Chloromethane	2.359	50	41692	16.299	ug/l	99
4) Vinyl Chloride	2.518	62	40976	16.537	ug/l	97
5) Bromomethane	2.959	94	26814	16.406	ug/l	93
6) Chloroethane	3.118	64	27068	15.254	ug/l	98
7) Trichlorofluoromethane	3.494	101	68011	17.627	ug/l	95
8) Diethyl Ether	3.959	74	23985	16.761	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	37988	17.183	ug/l	98
10) Methyl Iodide	4.589	142	47738	16.767	ug/l	98
11) Tert butyl alcohol	5.524	59	31823	68.726	ug/l	97
12) 1,1-Dichloroethene	4.336	96	36975	17.339	ug/l	97
13) Acrolein	4.177	56	38174	71.812	ug/l	99
14) Allyl chloride	5.024	41	58300	15.742	ug/l	98
15) Acrylonitrile	5.718	53	97982	83.794	ug/l	99
16) Acetone	4.436	43	86885	72.024	ug/l	98
17) Carbon Disulfide	4.712	76	99033	14.668	ug/l	98
18) Methyl Acetate	5.024	43	46907	17.840	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	125904	17.493	ug/l	99
20) Methylene Chloride	5.277	84	42330	17.262	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	38075	17.042	ug/l	93
22) Diisopropyl ether	6.671	45	136557	17.826	ug/l	98
23) Vinyl Acetate	6.606	43	475111	83.620	ug/l	100
24) 1,1-Dichloroethane	6.571	63	76045	17.751	ug/l	99
25) 2-Butanone	7.482	43	130245	79.271	ug/l	98
26) 2,2-Dichloropropane	7.494	77	64267	16.638	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	46792	17.332	ug/l	98
28) Bromochloromethane	7.812	49	39238	20.528	ug/l	97
29) Tetrahydrofuran	7.841	42	84600	83.436	ug/l	99
30) Chloroform	7.965	83	80222	18.028	ug/l	98
31) Cyclohexane	8.253	56	68201	16.397	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	70621	17.671	ug/l	98
36) 1,1-Dichloropropene	8.371	75	53314	16.997	ug/l	97
37) Ethyl Acetate	7.559	43	54855	17.047	ug/l	98
38) Carbon Tetrachloride	8.365	117	62380	18.130	ug/l	95
39) Methylcyclohexane	9.600	83	60033	17.197	ug/l	95
40) Benzene	8.606	78	172982	17.701	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29559	16.920	ug/l	99
42) 1,2-Dichloroethane	8.671	62	58580	17.682	ug/l	100
43) Isopropyl Acetate	8.688	43	90564	14.369	ug/l	98
44) Trichloroethene	9.353	130	40871	17.906	ug/l	98
45) 1,2-Dichloropropane	9.624	63	43397	18.772	ug/l	93
46) Dibromomethane	9.706	93	29713	19.046	ug/l	99
47) Bromodichloromethane	9.888	83	63740	18.390	ug/l	97
48) Methyl methacrylate	9.682	41	43976	17.527	ug/l	99
49) 1,4-Dioxane	9.694	88	14214	307.722	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	270003	88.142	ug/l	98
52) Toluene	10.629	92	109120	18.311	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63335	17.926	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	67986	17.890	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	41087	19.232	ug/l	93
56) Ethyl methacrylate	10.870	69	65452	18.619	ug/l	98
57) 1,3-Dichloropropane	11.159	76	70925	18.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	131117	80.405	ug/l	97
59) 2-Hexanone	11.194	43	195428	85.357	ug/l	99
60) Dibromochloromethane	11.359	129	46656	18.484	ug/l	100
61) 1,2-Dibromoethane	11.470	107	39907	17.977	ug/l	97
64) Tetrachloroethene	11.100	164	36272	17.881	ug/l	96
65) Chlorobenzene	11.888	112	117420	18.184	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	40351	18.142	ug/l	99
67) Ethyl Benzene	11.965	91	208623	18.269	ug/l	98
68) m/p-Xylenes	12.070	106	158551	37.534	ug/l	100
69) o-Xylene	12.394	106	78509	19.644	ug/l	99
70) Styrene	12.412	104	130419	19.266	ug/l	99
71) Bromoform	12.576	173	29958	18.295	ug/l #	99
73) Isopropylbenzene	12.694	105	195587	19.165	ug/l	98
74) N-amyl acetate	12.494	43	82207	17.788	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	54283	17.689	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	45929m	16.822	ug/l	
77) Bromobenzene	12.976	156	45329	18.414	ug/l	97
78) n-propylbenzene	13.035	91	231126	19.547	ug/l	94
79) 2-Chlorotoluene	13.123	91	143576	19.029	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	163285	19.614	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19455	17.083	ug/l #	86
82) 4-Chlorotoluene	13.217	91	141190	18.589	ug/l	98
83) tert-Butylbenzene	13.435	119	143185	19.352	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	172284	20.544	ug/l	97
85) sec-Butylbenzene	13.611	105	196415	19.893	ug/l	100
86) p-Isopropyltoluene	13.729	119	164902	20.197	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83873	18.162	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	83809	17.971	ug/l	99
89) n-Butylbenzene	14.053	91	139860	18.892	ug/l	98
90) Hexachloroethane	14.329	117	29135	17.580	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	82989	18.327	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10933	17.265	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	42456	19.035	ug/l	97
94) Hexachlorobutadiene	15.500	225	18109	16.281	ug/l	98
95) Naphthalene	15.641	128	142529	19.276	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	41228	18.466	ug/l	97

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

