

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083254.D
 Acq On : 13 Aug 2024 13:43
 Operator : JC\MD
 Sample : VN0813MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813MBS01

Quant Time: Aug 14 01:43:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2024
 Supervised By :Semsettin Yesilyurt 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130384	53.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.540%			
35) Dibromofluoromethane	8.165	113	94345	51.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	10.565	98	355318	51.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.847	95	137945	51.429	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37737	19.353	ug/l	98
3) Chloromethane	2.365	50	38652	19.362	ug/l	96
4) Vinyl Chloride	2.512	62	41070	20.162	ug/l	99
5) Bromomethane	2.959	94	26183	20.715	ug/l	93
6) Chloroethane	3.118	64	24926	19.559	ug/l	99
7) Trichlorofluoromethane	3.500	101	70729	21.018	ug/l	93
8) Diethyl Ether	3.965	74	24760	19.773	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	37935	20.447	ug/l	100
10) Methyl Iodide	4.589	142	44605	18.277	ug/l	96
11) Tert butyl alcohol	5.524	59	46375	91.175	ug/l	99
12) 1,1-Dichloroethene	4.342	96	36054	18.915	ug/l	87
13) Acrolein	4.177	56	30917	93.264	ug/l	99
14) Allyl chloride	5.024	41	67422	18.718	ug/l	90
15) Acrylonitrile	5.718	53	102495	97.980	ug/l	100
16) Acetone	4.430	43	91779	95.833	ug/l	96
17) Carbon Disulfide	4.712	76	94676	16.975	ug/l	95
18) Methyl Acetate	5.030	43	57695	20.220	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	136240	19.802	ug/l	94
20) Methylene Chloride	5.277	84	41505	18.831	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	37478	19.024	ug/l	89
22) Diisopropyl ether	6.671	45	134657	19.888	ug/l #	96
23) Vinyl Acetate	6.606	43	682314m	98.317	ug/l	
24) 1,1-Dichloroethane	6.571	63	74412	20.163	ug/l	96
25) 2-Butanone	7.483	43	143648	97.685	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	70603	20.600	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	46566	19.588	ug/l	92
28) Bromochloromethane	7.818	49	28025	18.581	ug/l #	84
29) Tetrahydrofuran	7.841	42	93840	98.717	ug/l #	87
30) Chloroform	7.971	83	78660	20.515	ug/l	99
31) Cyclohexane	8.259	56	66739	18.400	ug/l #	85
32) 1,1,1-Trichloroethane	8.171	97	74043	20.402	ug/l	94
36) 1,1-Dichloropropene	8.371	75	54395	19.496	ug/l	98
37) Ethyl Acetate	7.559	43	58643	18.772	ug/l #	96
38) Carbon Tetrachloride	8.359	117	63390	20.172	ug/l	99
39) Methylcyclohexane	9.600	83	65215	19.030	ug/l	98
40) Benzene	8.606	78	165961	19.967	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33533	18.879	ug/l	95
42) 1,2-Dichloroethane	8.671	62	62540	20.655	ug/l	99
43) Isopropyl Acetate	8.688	43	108497	18.608	ug/l #	95
44) Trichloroethene	9.353	130	39649	20.041	ug/l	98
45) 1,2-Dichloropropane	9.624	63	41361	20.964	ug/l	99
46) Dibromomethane	9.712	93	29705	21.035	ug/l	97
47) Bromodichloromethane	9.888	83	64835	20.447	ug/l	99
48) Methyl methacrylate	9.682	41	48513	18.784	ug/l	92
49) 1,4-Dioxane	9.694	88	18018	386.695	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	296984	100.532	ug/l	92
52) Toluene	10.629	92	105688	20.125	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	64738	19.876	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	68103	19.658	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	39676	21.081	ug/l	94
56) Ethyl methacrylate	10.876	69	69721	19.651	ug/l	87
57) 1,3-Dichloropropane	11.165	76	68072	20.292	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	126027	84.033	ug/l	97
59) 2-Hexanone	11.194	43	225011	98.455	ug/l	92
60) Dibromochloromethane	11.359	129	47304	20.789	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39917	20.190	ug/l	98
64) Tetrachloroethene	11.106	164	33932	19.919	ug/l	96
65) Chlorobenzene	11.894	112	112608	19.811	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	40943	20.423	ug/l	98
67) Ethyl Benzene	11.965	91	209064	20.049	ug/l	99
68) m/p-Xylenes	12.070	106	154911	39.659	ug/l	98
69) o-Xylene	12.400	106	75752	19.663	ug/l	98
70) Styrene	12.412	104	127768	19.747	ug/l	98
71) Bromoform	12.576	173	30378	20.002	ug/l #	98
73) Isopropylbenzene	12.694	105	198152	19.995	ug/l	100
74) N-amyl acetate	12.494	43	89476	18.459	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	57206	20.410	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51465m	19.792	ug/l	
77) Bromobenzene	12.982	156	44400	20.169	ug/l	95
78) n-propylbenzene	13.035	91	232876	20.408	ug/l	100
79) 2-Chlorotoluene	13.123	91	142939	19.758	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	165999	20.008	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	22641	18.940	ug/l	90
82) 4-Chlorotoluene	13.223	91	144018	19.846	ug/l	98
83) tert-Butylbenzene	13.441	119	146503	19.939	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	167604	20.046	ug/l	99
85) sec-Butylbenzene	13.617	105	197672	19.717	ug/l	99
86) p-Isopropyltoluene	13.729	119	166722	20.141	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	81361	19.642	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	81545	19.527	ug/l	97
89) n-Butylbenzene	14.059	91	142454	19.861	ug/l	98
90) Hexachloroethane	14.329	117	30532	19.091	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	80138	19.992	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12743	18.736	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	44757	19.931	ug/l	98
94) Hexachlorobutadiene	15.500	225	19181	19.206	ug/l	97
95) Naphthalene	15.641	128	154507	19.424	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	44745	20.137	ug/l	98

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

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