

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084916.D
 Acq On : 18 Nov 2024 13:39
 Operator : JC\MD
 Sample : VN1118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2024
 Supervised By : Mahesh Dadoda 11/19/2024

Quant Time: Nov 19 00:24:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106533	46.714	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.420%		
35) Dibromofluoromethane	8.165	113	84130	46.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.280%		
50) Toluene-d8	10.565	98	302729	45.069	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.140%		
62) 4-Bromofluorobenzene	12.847	95	124417	49.561	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	34715	19.125	ug/l	97
3) Chloromethane	2.360	50	39412	16.832	ug/l	99
4) Vinyl Chloride	2.512	62	38467	19.704	ug/l	94
5) Bromomethane	2.901	94	19944	19.281	ug/l	99
6) Chloroethane	3.071	64	26059	20.747	ug/l	90
7) Trichlorofluoromethane	3.471	101	66010	20.526	ug/l	96
8) Diethyl Ether	3.954	74	23094	20.357	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	38102	20.967	ug/l	96
10) Methyl Iodide	4.577	142	50336	20.726	ug/l	94
11) Tert butyl alcohol	5.536	59	31571	104.878	ug/l	99
12) 1,1-Dichloroethene	4.330	96	34073	18.949	ug/l	90
13) Acrolein	4.177	56	25796	85.937	ug/l	94
14) Allyl chloride	5.012	41	59074	20.258	ug/l	91
15) Acrylonitrile	5.718	53	94240	108.141	ug/l	99
16) Acetone	4.430	43	77320	115.840	ug/l	98
17) Carbon Disulfide	4.701	76	92905	16.778	ug/l	99
18) Methyl Acetate	5.018	43	51691	19.006	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	114921	20.852	ug/l	97
20) Methylene Chloride	5.265	84	40478	20.181	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	35084	19.002	ug/l	98
22) Diisopropyl ether	6.671	45	122819	21.197	ug/l	99
23) Vinyl Acetate	6.600	43	427845	107.074	ug/l	98
24) 1,1-Dichloroethane	6.565	63	71923	20.675	ug/l	98
25) 2-Butanone	7.483	43	121754	114.436	ug/l	99
26) 2,2-Dichloropropane	7.483	77	61707	20.380	ug/l	97
27) cis-1,2-Dichloroethene	7.477	96	42928	19.912	ug/l	98
28) Bromochloromethane	7.806	49	31826	22.963	ug/l	97
29) Tetrahydrofuran	7.836	42	80120	113.510	ug/l	97
30) Chloroform	7.965	83	73510	20.761	ug/l	98
31) Cyclohexane	8.253	56	60982	19.368	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	68558	21.274	ug/l	98
36) 1,1-Dichloropropene	8.365	75	49574	19.603	ug/l	99
37) Ethyl Acetate	7.559	43	53200	23.186	ug/l	99
38) Carbon Tetrachloride	8.359	117	57425	20.315	ug/l	98
39) Methylcyclohexane	9.600	83	51357	19.962	ug/l	99
40) Benzene	8.606	78	162926	20.061	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28662	23.229	ug/l	99
42) 1,2-Dichloroethane	8.671	62	55547	21.119	ug/l	99
43) Isopropyl Acetate	8.688	43	87649	20.100	ug/l	99
44) Trichloroethene	9.353	130	35985	19.212	ug/l	98
45) 1,2-Dichloropropane	9.618	63	38739	20.334	ug/l	100
46) Dibromomethane	9.706	93	28016	20.840	ug/l	98
47) Bromodichloromethane	9.888	83	58897	20.784	ug/l	95
48) Methyl methacrylate	9.677	41	39592	22.171	ug/l	99
49) 1,4-Dioxane	9.700	88	13924	440.016	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	256481	117.258	ug/l	99
52) Toluene	10.624	92	99045	20.852	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56336	19.206	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	61811	19.910	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	38719	21.640	ug/l	96
56) Ethyl methacrylate	10.871	69	58635	22.656	ug/l	96
57) 1,3-Dichloropropane	11.159	76	64335	20.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	125338	103.497	ug/l	96
59) 2-Hexanone	11.194	43	192413	120.853	ug/l	99
60) Dibromochloromethane	11.359	129	43117	21.144	ug/l	99
61) 1,2-Dibromoethane	11.465	107	38214	20.856	ug/l	96
64) Tetrachloroethene	11.100	164	30480	18.324	ug/l	94
65) Chlorobenzene	11.888	112	105694	18.893	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	40140	20.628	ug/l	98
67) Ethyl Benzene	11.965	91	187033	20.028	ug/l	99
68) m/p-Xylenes	12.071	106	141882	40.132	ug/l	99
69) o-Xylene	12.394	106	70105	21.197	ug/l	99
70) Styrene	12.412	104	117135	20.303	ug/l	99
71) Bromoform	12.576	173	28931	19.758	ug/l #	94
73) Isopropylbenzene	12.694	105	177484	19.795	ug/l	98
74) N-amyl acetate	12.494	43	74832	19.609	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	58234	19.458	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	55174m	21.573	ug/l	
77) Bromobenzene	12.976	156	43843	18.189	ug/l	96
78) n-propylbenzene	13.035	91	204356	19.450	ug/l	97
79) 2-Chlorotoluene	13.124	91	131724	19.187	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	152055	20.462	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18990	17.615	ug/l	91
82) 4-Chlorotoluene	13.218	91	127753	17.682	ug/l	98
83) tert-Butylbenzene	13.435	119	136105	22.130	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	156341	20.384	ug/l	97
85) sec-Butylbenzene	13.618	105	175510	20.202	ug/l	100
86) p-Isopropyltoluene	13.729	119	146881	20.615	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	79106	16.817	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	78638	17.505	ug/l	98
89) n-Butylbenzene	14.053	91	125013	18.757	ug/l	98
90) Hexachloroethane	14.329	117	28984	18.241	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	82690	18.293	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11109	18.323	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	39923	16.136	ug/l	98
94) Hexachlorobutadiene	15.500	225	18053	16.616	ug/l	97
95) Naphthalene	15.635	128	141789	19.146	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	40284	16.773	ug/l	99

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

