

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074579.D
 Acq On : 19 Sep 2022 12:13
 Operator : JC\MD
 Sample : VN0919MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Sep 20 04:18:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						09/21/2022
1) Pentafluorobenzene	8.016	168	231067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	432166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	386118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	163012	50.000	ug/l	0.00
System Monitoring Compounds						09/21/2022
33) 1,2-Dichloroethane-d4	8.369	65	196592	50.143	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.280%		
35) Dibromofluoromethane	7.951	113	147500	51.379	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.760%		
50) Toluene-d8	10.380	98	567842	51.146	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.300%		
62) 4-Bromofluorobenzene	12.674	95	184200	48.441	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	40408	16.068	ug/l	99
3) Chloromethane	2.263	50	82929	19.763	ug/l	98
4) Vinyl Chloride	2.404	62	104469	23.079	ug/l	95
5) Bromomethane	2.793	94	72515	30.377	ug/l	95
6) Chloroethane	2.957	64	97875	31.655	ug/l	98
7) Trichlorofluoromethane	3.310	101	88802	17.765	ug/l	91
8) Diethyl Ether	3.769	74	41314	16.207	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.134	101	55817	18.049	ug/l	87
10) Methyl Iodide	4.345	142	64467	17.671	ug/l	97
11) Tert butyl alcohol	5.287	59	106132	83.100	ug/l	98
12) 1,1-Dichloroethene	4.110	96	53421	17.982	ug/l	92
13) Acrolein	3.981	56	53296	114.271	ug/l	98
14) Allyl chloride	4.763	41	130521	17.961	ug/l #	94
15) Acrylonitrile	5.469	53	279892	97.548	ug/l	98
16) Acetone	4.222	43	238683	95.138	ug/l	95
17) Carbon Disulfide	4.451	76	134084	16.068	ug/l	99
18) Methyl Acetate	4.769	43	145854	18.718	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	227943	17.772	ug/l	94
20) Methylene Chloride	5.010	84	72670	18.992	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	56678	17.240	ug/l	97
22) Diisopropyl ether	6.404	45	283854	19.453	ug/l #	87
23) Vinyl Acetate	6.345	43	1258507	97.786	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	130945	17.953	ug/l	99
25) 2-Butanone	7.257	43	420167	100.871	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	105077	16.710	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	74099	17.319	ug/l	89
28) Bromochloromethane	7.581	49	43763	20.360	ug/l #	63
29) Tetrahydrofuran	7.604	42	277427	101.300	ug/l #	82
30) Chloroform	7.745	83	122717	18.229	ug/l	96
31) Cyclohexane	8.022	56	124000	17.819	ug/l	89
32) 1,1,1-Trichloroethane	7.945	97	100366	16.998	ug/l #	93
36) 1,1-Dichloropropene	8.157	75	89411	17.596	ug/l	96
37) Ethyl Acetate	7.333	43	162810	20.747	ug/l #	93
38) Carbon Tetrachloride	8.139	117	84236	17.955	ug/l	96
39) Methylcyclohexane	9.392	83	107592	17.807	ug/l	94
40) Benzene	8.386	78	296224	18.852	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	82273	21.685	ug/l	#	81
42) 1,2-Dichloroethane	8.463	62	105088	19.489	ug/l		99
43) Isopropyl Acetate	8.492	43	244113	19.859	ug/l	#	89
44) Trichloroethene	9.151	130	60945	17.925	ug/l		95
45) 1,2-Dichloropropane	9.422	63	82765	19.166	ug/l		90
46) Dibromomethane	9.516	93	52663	19.472	ug/l	#	79
47) Bromodichloromethane	9.698	83	98992	18.669	ug/l		93
48) Methyl methacrylate	9.498	41	112718	20.681	ug/l	#	81
49) 1,4-Dioxane	9.510	88	39981	381.540	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.274	43	847128	105.535	ug/l		87
52) Toluene	10.445	92	176556	19.161	ug/l		99
53) t-1,3-Dichloropropene	10.663	75	108888	17.620	ug/l		94
54) cis-1,3-Dichloropropene	10.133	75	123938	18.740	ug/l		91
55) 1,1,2-Trichloroethane	10.839	97	74030	18.968	ug/l		94
56) Ethyl methacrylate	10.704	69	129550	18.582	ug/l	#	75
57) 1,3-Dichloropropane	10.986	76	129063	18.860	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.980	63	269505	87.837	ug/l	#	87
59) 2-Hexanone	11.027	43	659138	107.567	ug/l		85
60) Dibromochloromethane	11.180	129	70953	18.990	ug/l		94
61) 1,2-Dibromoethane	11.286	107	70810	18.676	ug/l		98
64) Tetrachloroethene	10.921	164	46808	17.665	ug/l		97
65) Chlorobenzene	11.710	112	175392	18.094	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.780	131	63280	17.968	ug/l		99
67) Ethyl Benzene	11.786	91	335055	18.827	ug/l		98
68) m/p-Xylenes	11.892	106	245183	37.262	ug/l		96
69) o-Xylene	12.221	106	126201	18.811	ug/l		99
70) Styrene	12.239	104	196018	17.564	ug/l		97
71) Bromoform	12.398	173	48121	18.590	ug/l	#	99
73) Isopropylbenzene	12.521	105	314317	18.831	ug/l		99
74) N-amyl acetate	12.333	43	199532	19.120	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	132724	19.843	ug/l		95
76) 1,2,3-Trichloropropane	12.821	75	109610m	21.845	ug/l		
77) Bromobenzene	12.804	156	66460	18.640	ug/l		75
78) n-propylbenzene	12.863	91	378663	19.048	ug/l		93
79) 2-Chlorotoluene	12.951	91	217445	18.323	ug/l		97
80) 1,3,5-Trimethylbenzene	13.004	105	253138	18.604	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.563	75	37816	16.266	ug/l	#	86
82) 4-Chlorotoluene	13.045	91	200596	17.783	ug/l		99
83) tert-Butylbenzene	13.262	119	228541	18.456	ug/l		98
84) 1,2,4-Trimethylbenzene	13.310	105	257714	18.821	ug/l		97
85) sec-Butylbenzene	13.445	105	320879	18.872	ug/l		95
86) p-Isopropyltoluene	13.557	119	250116	18.869	ug/l		97
87) 1,3-Dichlorobenzene	13.557	146	120300	18.361	ug/l		98
88) 1,4-Dichlorobenzene	13.633	146	119440	18.138	ug/l		97
89) n-Butylbenzene	13.886	91	216052	18.083	ug/l		92
90) Hexachloroethane	14.151	117	49198	17.058	ug/l		76
91) 1,2-Dichlorobenzene	13.927	146	123921	18.231	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	25651	17.367	ug/l		84
93) 1,2,4-Trichlorobenzene	15.204	180	54964	16.973	ug/l		97
94) Hexachlorobutadiene	15.304	225	25445	17.878	ug/l		93
95) Naphthalene	15.439	128	240688	18.291	ug/l		99
96) 1,2,3-Trichlorobenzene	15.627	180	58421	18.280	ug/l		97

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

09/21/2022
 Supervised By :Mahesh
 Dadoda

09/21/2022

