

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071090.D
 Acq On : 28 Feb 2022 12:38
 Operator : JC\MD
 Sample : VN0228MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Feb 28 16:08:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	598288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	956464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	853949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	348054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	390344	57.115	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.240%	
35) Dibromofluoromethane	8.016	113	308823	54.284	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.560%	
50) Toluene-d8	10.439	98	1226710	53.693	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.727	95	408055	49.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	120057	19.320	ug/l	98
3) Chloromethane	2.299	50	162090	20.752	ug/l	100
4) Vinyl Chloride	2.446	62	149410	19.109	ug/l	98
5) Bromomethane	2.857	94	89378	20.123	ug/l	94
6) Chloroethane	3.016	64	107895	21.034	ug/l	97
7) Trichlorofluoromethane	3.381	101	206565	21.081	ug/l	97
8) Diethyl Ether	3.828	74	87321	20.500	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	124578	20.722	ug/l	95
10) Methyl Iodide	4.422	142	164859	19.800	ug/l	99
11) Tert butyl alcohol	5.351	59	132058	106.027	ug/l	99
12) 1,1-Dichloroethene	4.181	96	116860	19.951	ug/l	96
13) Acrolein	4.040	56	96583	86.780	ug/l	98
14) Allyl chloride	4.845	41	240975	21.572	ug/l	87
15) Acrylonitrile	5.545	53	437022	119.121	ug/l	99
16) Acetone	4.281	43	395365	105.043	ug/l	95
17) Carbon Disulfide	4.534	76	283139	16.857	ug/l	99
18) Methyl Acetate	4.857	43	205853	24.673	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	455939	22.191	ug/l	96
20) Methylene Chloride	5.093	84	145729	21.304	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	126118	20.061	ug/l	92
22) Diisopropyl ether	6.492	45	522384	24.382	ug/l	93
23) Vinyl Acetate	6.428	43	2144218	118.228	ug/l	99
24) 1,1-Dichloroethane	6.381	63	269052	22.402	ug/l	98
25) 2-Butanone	7.328	43	599606	119.754	ug/l	96
26) 2,2-Dichloropropane	7.322	77	216625	21.702	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	152745	21.140	ug/l	89
28) Bromochloromethane	7.651	49	92455	19.020	ug/l	85
29) Tetrahydrofuran	7.681	42	403294	124.335	ug/l	92
30) Chloroform	7.816	83	261762	22.160	ug/l	99
31) Cyclohexane	8.092	56	251199	21.252	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	221451	21.709	ug/l	98
36) 1,1-Dichloropropene	8.216	75	189432	20.324	ug/l	96
37) Ethyl Acetate	7.404	43	240181	24.028	ug/l	98
38) Carbon Tetrachloride	8.204	117	191015	20.800	ug/l	97
39) Methylcyclohexane	9.457	83	231600	19.311	ug/l	93
40) Benzene	8.457	78	593810	21.538	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	113632	21.584	ug/l	94
42) 1,2-Dichloroethane	8.528	62	213312	22.717	ug/l	98
43) Isopropyl Acetate	8.557	43	381210	24.195	ug/l	96
44) Trichloroethene	9.210	130	141652	19.511	ug/l	98
45) 1,2-Dichloropropane	9.486	63	160958	22.791	ug/l	99
46) Dibromomethane	9.575	93	97558	20.991	ug/l	98
47) Bromodichloromethane	9.757	83	196645	20.935	ug/l	100
48) Methyl methacrylate	9.551	41	175059	23.473	ug/l #	83
49) 1,4-Dioxane	9.563	88	54741	413.266	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1153175	120.294	ug/l	99
52) Toluene	10.498	92	365980	21.125	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	211135	20.672	ug/l	98
54) cis-1,3-Dichloropropene	10.180	75	235777	21.020	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	147577	21.762	ug/l	97
56) Ethyl methacrylate	10.757	69	223784	21.903	ug/l	90
57) 1,3-Dichloropropane	11.039	76	255151	21.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	161119	93.676	ug/l	96
59) 2-Hexanone	11.080	43	785220	119.099	ug/l	99
60) Dibromochloromethane	11.233	129	148213	20.681	ug/l	99
61) 1,2-Dibromoethane	11.339	107	141541	20.521	ug/l	99
64) Tetrachloroethene	10.975	164	125120	18.814	ug/l	99
65) Chlorobenzene	11.763	112	375217	20.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	141579	21.107	ug/l	99
67) Ethyl Benzene	11.839	91	678671	21.073	ug/l	98
68) m/p-Xylenes	11.945	106	509668	40.969	ug/l	97
69) o-Xylene	12.274	106	253854	20.889	ug/l	98
70) Styrene	12.286	104	400258	20.714	ug/l	97
71) Bromoform	12.451	173	106525	19.941	ug/l #	100
73) Isopropylbenzene	12.574	105	655204	23.387	ug/l	100
74) N-amyl acetate	12.386	43	214878	23.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	223294	25.082	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	157101m	19.170	ug/l	
77) Bromobenzene	12.857	156	152714	22.267	ug/l	84
78) n-propylbenzene	12.916	91	714827	22.710	ug/l	98
79) 2-Chlorotoluene	13.004	91	448402	23.458	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	526435	23.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	58910	23.294	ug/l	88
82) 4-Chlorotoluene	13.098	91	417069	22.477	ug/l	94
83) tert-Butylbenzene	13.321	119	476553	22.140	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	509368	22.798	ug/l	100
85) sec-Butylbenzene	13.498	105	636618	22.446	ug/l	98
86) p-Isopropyltoluene	13.610	119	506429	21.750	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	250847	20.662	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	241007	20.262	ug/l	98
89) n-Butylbenzene	13.939	91	357906	18.841	ug/l	97
90) Hexachloroethane	14.204	117	91684	22.049	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	247775	21.734	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	32647	22.634	ug/l	92
93) 1,2,4-Trichlorobenzene	15.257	180	97194	16.560	ug/l	98
94) Hexachlorobutadiene	15.362	225	72421	17.420	ug/l	98
95) Naphthalene	15.504	128	181763	15.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	88529	16.748	ug/l	99

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

