

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071802.D
 Acq On : 02 Apr 2022 16:57
 Operator : JC\MD
 Sample : VN0402MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 04 01:07:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	556067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	892558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	788829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	300871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	331429	52.209	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.420%			
35) Dibromofluoromethane	8.022	113	274957	52.351	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.700%			
50) Toluene-d8	10.439	98	1115921	51.938	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.727	95	341869	49.199	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	69707	15.768	ug/l	97
3) Chloromethane	2.299	50	86199	15.387	ug/l	96
4) Vinyl Chloride	2.440	62	93337	15.172	ug/l	99
5) Bromomethane	2.852	94	63693	15.927	ug/l	95
6) Chloroethane	3.016	64	60034	13.565	ug/l	99
7) Trichlorofluoromethane	3.375	101	126201	16.124	ug/l	99
8) Diethyl Ether	3.822	74	56753	17.158	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	78772	16.332	ug/l	99
10) Methyl Iodide	4.422	142	103172	15.302	ug/l	99
11) Tert butyl alcohol	5.357	59	93165	90.434	ug/l #	86
12) 1,1-Dichloroethene	4.187	96	73426	15.998	ug/l	91
13) Acrolein	4.040	56	97797	77.856	ug/l	99
14) Allyl chloride	4.840	41	123235	16.542	ug/l	96
15) Acrylonitrile	5.551	53	279243	93.253	ug/l	99
16) Acetone	4.287	43	213013	78.516	ug/l	99
17) Carbon Disulfide	4.534	76	153126	14.541	ug/l	97
18) Methyl Acetate	4.857	43	121719	17.122	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	294076	17.247	ug/l	96
20) Methylene Chloride	5.098	84	94543	16.534	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	79921	15.862	ug/l	96
22) Diisopropyl ether	6.492	45	284381	17.535	ug/l	99
23) Vinyl Acetate	6.434	43	1161557	90.066	ug/l	99
24) 1,1-Dichloroethane	6.387	63	163679	17.192	ug/l	99
25) 2-Butanone	7.328	43	347363	88.815	ug/l	100
26) 2,2-Dichloropropane	7.322	77	130529	15.959	ug/l	100
27) cis-1,2-Dichloroethene	7.328	96	103030	16.675	ug/l	98
28) Bromochloromethane	7.657	49	65854	17.147	ug/l	97
29) Tetrahydrofuran	7.681	42	235342	92.930	ug/l	99
30) Chloroform	7.810	83	172551	17.164	ug/l	96
31) Cyclohexane	8.092	56	138507	16.044	ug/l #	95
32) 1,1,1-Trichloroethane	8.016	97	142851	16.610	ug/l	100
36) 1,1-Dichloropropene	8.216	75	115400	15.734	ug/l	99
37) Ethyl Acetate	7.410	43	137307	17.104	ug/l	98
38) Carbon Tetrachloride	8.204	117	116018	16.140	ug/l	96
39) Methylcyclohexane	9.457	83	136461	15.630	ug/l	98
40) Benzene	8.457	78	384730	16.605	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	68857	17.517	ug/l	96
42) 1,2-Dichloroethane	8.528	62	134525	16.785	ug/l	99
43) Isopropyl Acetate	8.557	43	209762	15.709	ug/l	98
44) Trichloroethene	9.216	130	96300	16.133	ug/l	98
45) 1,2-Dichloropropane	9.486	63	99025	17.108	ug/l	99
46) Dibromomethane	9.575	93	65255	16.605	ug/l	99
47) Bromodichloromethane	9.757	83	130529	16.873	ug/l	99
48) Methyl methacrylate	9.557	41	98059	17.701	ug/l	95
49) 1,4-Dioxane	9.563	88	43976	325.287	ug/l	100
51) 4-Methyl-2-Pentanone	10.327	43	693405	90.321	ug/l	99
52) Toluene	10.504	92	244866	16.719	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	134133	16.544	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	151257	16.884	ug/l	96
55) 1,1,2-Trichloroethane	10.898	97	102368	16.983	ug/l	98
56) Ethyl methacrylate	10.757	69	150614	17.515	ug/l	94
57) 1,3-Dichloropropane	11.039	76	172946	17.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	157727	72.504	ug/l	99
59) 2-Hexanone	11.080	43	488496	90.377	ug/l	98
60) Dibromochloromethane	11.233	129	102690	17.472	ug/l	98
61) 1,2-Dibromoethane	11.345	107	100633	16.960	ug/l	98
64) Tetrachloroethene	10.975	164	83184	15.970	ug/l	95
65) Chlorobenzene	11.769	112	260885	16.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	97372	17.084	ug/l	99
67) Ethyl Benzene	11.839	91	448451	16.771	ug/l	99
68) m/p-Xylenes	11.951	106	341662	33.256	ug/l	100
69) o-Xylene	12.274	106	169891	16.660	ug/l	100
70) Styrene	12.292	104	265500	17.184	ug/l	100
71) Bromoform	12.457	173	75018	17.284	ug/l #	99
73) Isopropylbenzene	12.574	105	434376	17.133	ug/l	100
74) N-amyl acetate	12.386	43	129625	17.844	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	152325	18.007	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	133318m	19.128	ug/l	
77) Bromobenzene	12.857	156	105122	16.540	ug/l	99
78) n-propylbenzene	12.916	91	455666	17.086	ug/l	99
79) 2-Chlorotoluene	13.004	91	291380	17.036	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	354678	17.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	36141	16.069	ug/l	96
82) 4-Chlorotoluene	13.104	91	267971	16.903	ug/l	99
83) tert-Butylbenzene	13.321	119	311901	16.986	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	342795	17.490	ug/l	99
85) sec-Butylbenzene	13.498	105	412055	17.311	ug/l	100
86) p-Isopropyltoluene	13.610	119	327672	17.264	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	166191	16.413	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	161118	16.310	ug/l	97
89) n-Butylbenzene	13.939	91	224071	15.918	ug/l	99
90) Hexachloroethane	14.204	117	58772	16.916	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	169884	17.090	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	24386	18.585	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	70506	16.196	ug/l	99
94) Hexachlorobutadiene	15.368	225	45937	15.669	ug/l	99
95) Naphthalene	15.504	128	180004	15.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	70045	16.786	ug/l	100

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

