

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
 Data File : VN071852.D
 Acq On : 05 Apr 2022 13:35
 Operator : JC\MD
 Sample : VN0405MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0405MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 06:40:01 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	516782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	804603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	719205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	286848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	286366	48.539	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.080%		
35) Dibromofluoromethane	8.016	113	241397	50.985	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.980%		
50) Toluene-d8	10.439	98	971609	50.165	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.320%		
62) 4-Bromofluorobenzene	12.727	95	310576	49.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	72552	17.659	ug/l	100
3) Chloromethane	2.299	50	86126	16.543	ug/l	95
4) Vinyl Chloride	2.446	62	93825	16.411	ug/l	100
5) Bromomethane	2.857	94	65790	17.702	ug/l	92
6) Chloroethane	3.016	64	66719	16.222	ug/l	100
7) Trichlorofluoromethane	3.375	101	129035	17.739	ug/l	99
8) Diethyl Ether	3.822	74	61708	20.074	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	83491	18.626	ug/l	98
10) Methyl Iodide	4.428	142	107264	17.119	ug/l	99
11) Tert butyl alcohol	5.357	59	88664	92.607	ug/l	98
12) 1,1-Dichloroethene	4.187	96	75958	17.807	ug/l	99
13) Acrolein	4.040	56	102058	87.425	ug/l	98
14) Allyl chloride	4.840	41	125632	18.146	ug/l	95
15) Acrylonitrile	5.546	53	290590	104.420	ug/l	98
16) Acetone	4.287	43	211338	83.821	ug/l	96
17) Carbon Disulfide	4.534	76	157349	16.077	ug/l	98
18) Methyl Acetate	4.851	43	125990	19.248	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	317040	20.007	ug/l	97
20) Methylene Chloride	5.093	84	103203	19.420	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	83534	17.839	ug/l	93
22) Diisopropyl ether	6.493	45	305737	20.285	ug/l	97
23) Vinyl Acetate	6.428	43	1233298	102.898	ug/l	99
24) 1,1-Dichloroethane	6.381	63	173534	19.612	ug/l	97
25) 2-Butanone	7.328	43	348811	95.965	ug/l	99
26) 2,2-Dichloropropane	7.322	77	134020	17.632	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	111708	19.454	ug/l	96
28) Bromochloromethane	7.657	49	75516	21.157	ug/l	99
29) Tetrahydrofuran	7.681	42	237877	101.071	ug/l	99
30) Chloroform	7.810	83	181312	19.407	ug/l	100
31) Cyclohexane	8.092	56	143902	17.936	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	148265	18.550	ug/l	97
36) 1,1-Dichloropropene	8.216	75	118788	17.966	ug/l	99
37) Ethyl Acetate	7.404	43	145746	20.140	ug/l	98
38) Carbon Tetrachloride	8.204	117	121085	18.686	ug/l	97
39) Methylcyclohexane	9.457	83	143551	18.239	ug/l	95
40) Benzene	8.457	78	403611	19.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	75401	21.279	ug/l	93
42) 1,2-Dichloroethane	8.522	62	140633	19.465	ug/l	98
43) Isopropyl Acetate	8.557	43	225660	18.747	ug/l	98
44) Trichloroethene	9.210	130	102658	19.078	ug/l	99
45) 1,2-Dichloropropane	9.486	63	105055	20.134	ug/l	99
46) Dibromomethane	9.575	93	69937	19.741	ug/l	98
47) Bromodichloromethane	9.757	83	143041	20.512	ug/l	100
48) Methyl methacrylate	9.557	41	93757	18.774	ug/l	93
49) 1,4-Dioxane	9.563	88	44667	368.291	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	715120	103.333	ug/l	99
52) Toluene	10.498	92	257607	19.512	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	143298	19.606	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	162940	20.177	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	111876	20.589	ug/l	97
56) Ethyl methacrylate	10.757	69	160745	20.737	ug/l	96
57) 1,3-Dichloropropane	11.039	76	184163	20.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	187074	90.038	ug/l	100
59) 2-Hexanone	11.080	43	486476	99.842	ug/l	96
60) Dibromochloromethane	11.233	129	112680	21.268	ug/l	99
61) 1,2-Dibromoethane	11.339	107	107487	20.096	ug/l	99
64) Tetrachloroethene	10.975	164	89309	18.805	ug/l	98
65) Chlorobenzene	11.763	112	277695	19.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	103229	19.865	ug/l	99
67) Ethyl Benzene	11.839	91	474036	19.444	ug/l	100
68) m/p-Xylenes	11.951	106	368418	39.331	ug/l	99
69) o-Xylene	12.274	106	183795	19.768	ug/l	98
70) Styrene	12.292	104	291908	20.722	ug/l	98
71) Bromoform	12.457	173	82167	20.763	ug/l #	99
73) Isopropylbenzene	12.574	105	461020	19.073	ug/l	99
74) N-amyl acetate	12.386	43	137717	19.885	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	167347	20.750	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	118697m	17.862	ug/l	
77) Bromobenzene	12.857	156	113336	18.704	ug/l	99
78) n-propylbenzene	12.916	91	488330	19.205	ug/l	100
79) 2-Chlorotoluene	13.004	91	314224	19.270	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	375748	19.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	40153	18.726	ug/l	99
82) 4-Chlorotoluene	13.098	91	287936	19.050	ug/l	100
83) tert-Butylbenzene	13.321	119	336396	19.215	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	362669	19.408	ug/l	99
85) sec-Butylbenzene	13.498	105	446361	19.668	ug/l	99
86) p-Isopropyltoluene	13.610	119	358629	19.819	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	184189	19.080	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	179515	19.061	ug/l	99
89) n-Butylbenzene	13.939	91	247872	18.469	ug/l	99
90) Hexachloroethane	14.204	117	64548	19.487	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	184150	19.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	24781	19.809	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	77988	18.456	ug/l	98
94) Hexachlorobutadiene	15.363	225	52513	18.787	ug/l	98
95) Naphthalene	15.504	128	204329	18.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	78720	19.355	ug/l	97

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

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