

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073286.D
 Acq On : 01 Jul 2022 10:42
 Operator : JC\MD
 Sample : VN0701MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 01 16:15:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	241897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	427194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	381934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	177971	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	178938	51.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.480%
35) Dibromofluoromethane	7.951	113	141856	49.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	10.380	98	488894	48.432	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.668	95	190732	49.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	70211	19.853	ug/l	96
3) Chloromethane	2.269	50	61319	17.859	ug/l	97
4) Vinyl Chloride	2.410	62	57651	19.762	ug/l	99
5) Bromomethane	2.804	94	25722	18.667	ug/l	97
6) Chloroethane	2.969	64	34774	20.263	ug/l	94
7) Trichlorofluoromethane	3.322	101	97835	19.398	ug/l	94
8) Diethyl Ether	3.769	74	41242	20.087	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.140	101	55436	18.602	ug/l	97
10) Methyl Iodide	4.351	142	53024	16.037	ug/l	96
11) Tert butyl alcohol	5.281	59	93972	111.087	ug/l	100
12) 1,1-Dichloroethene	4.116	96	56323	19.779	ug/l	94
13) Acrolein	3.981	56	52135	97.506	ug/l	99
14) Allyl chloride	4.763	41	121394	20.236	ug/l #	94
15) Acrylonitrile	5.475	53	235011	107.920	ug/l	99
16) Acetone	4.222	43	211463	107.881	ug/l	93
17) Carbon Disulfide	4.463	76	140816	19.071	ug/l	96
18) Methyl Acetate	4.775	43	114182	20.787	ug/l	92
19) Methyl tert-butyl Ether	5.539	73	219372	21.137	ug/l	100
20) Methylene Chloride	5.016	84	66281	19.241	ug/l	89
21) trans-1,2-Dichloroethene	5.516	96	60383	20.294	ug/l	95
22) Diisopropyl ether	6.416	45	234273	20.929	ug/l	98
23) Vinyl Acetate	6.351	43	1073187	107.080	ug/l	95
24) 1,1-Dichloroethane	6.310	63	120508	20.803	ug/l	99
25) 2-Butanone	7.263	43	338130	108.348	ug/l	89
26) 2,2-Dichloropropane	7.245	77	98346	18.356	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	74112	20.568	ug/l	98
28) Bromochloromethane	7.586	49	54999	22.670	ug/l	83
29) Tetrahydrofuran	7.610	42	232680	108.889	ug/l	87
30) Chloroform	7.745	83	120422	20.640	ug/l	96
31) Cyclohexane	8.022	56	106874	18.687	ug/l	88
32) 1,1,1-Trichloroethane	7.945	97	106117	20.409	ug/l	98
36) 1,1-Dichloropropene	8.151	75	82654	18.900	ug/l	100
37) Ethyl Acetate	7.339	43	141308	21.385	ug/l	94
38) Carbon Tetrachloride	8.133	117	87109	19.261	ug/l	99
39) Methylcyclohexane	9.392	83	99427	18.261	ug/l	95
40) Benzene	8.392	78	267330	19.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	67653	21.111	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	101322	20.710	ug/l	97
43) Isopropyl Acetate	8.492	43	200539	21.117	ug/l	93
44) Trichloroethene	9.151	130	65000	18.925	ug/l	85
45) 1,2-Dichloropropane	9.427	63	71172	20.689	ug/l	94
46) Dibromomethane	9.516	93	46660	19.977	ug/l	91
47) Bromodichloromethane	9.698	83	91470	20.219	ug/l	96
48) Methyl methacrylate	9.498	41	88099	20.036	ug/l	92
49) 1,4-Dioxane	9.504	88	34999	419.283	ug/l #	88
51) 4-Methyl-2-Pentanone	10.269	43	653038	108.435	ug/l	91
52) Toluene	10.439	92	163685	19.624	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	99238	19.927	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	108415	20.164	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	68329	19.899	ug/l	96
56) Ethyl methacrylate	10.698	69	112761	20.317	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	117578	19.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	257952	104.212	ug/l	94
59) 2-Hexanone	11.021	43	502756	109.517	ug/l	88
60) Dibromochloromethane	11.174	129	68093	20.799	ug/l	99
61) 1,2-Dibromoethane	11.286	107	70644	20.597	ug/l	100
64) Tetrachloroethene	10.916	164	59051	18.934	ug/l	95
65) Chlorobenzene	11.710	112	168099	19.461	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	62785	19.761	ug/l	98
67) Ethyl Benzene	11.780	91	307526	19.610	ug/l	100
68) m/p-Xylenes	11.892	106	231585	39.130	ug/l	96
69) o-Xylene	12.215	106	116371	19.261	ug/l	95
70) Styrene	12.233	104	184645	19.795	ug/l	96
71) Bromoform	12.398	173	48507	20.865	ug/l #	100
73) Isopropylbenzene	12.515	105	298344	19.413	ug/l	99
74) N-amyl acetate	12.327	43	154655	20.097	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	105745	20.735	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	104322m	22.418	ug/l	
77) Bromobenzene	12.798	156	69334	19.404	ug/l	88
78) n-propylbenzene	12.857	91	331116	19.394	ug/l	98
79) 2-Chlorotoluene	12.945	91	207756	19.226	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	245209	19.575	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	34087	20.088	ug/l	95
82) 4-Chlorotoluene	13.045	91	200162	19.134	ug/l	98
83) tert-Butylbenzene	13.262	119	217221	19.342	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	244108	19.518	ug/l	97
85) sec-Butylbenzene	13.439	105	298231	19.777	ug/l	98
86) p-Isopropyltoluene	13.557	119	240469	19.740	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	122744	19.148	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	122435	19.063	ug/l	97
89) n-Butylbenzene	13.880	91	193880	19.100	ug/l	98
90) Hexachloroethane	14.145	117	44662	19.673	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	126220	19.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25961	20.944	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	64357	18.928	ug/l	97
94) Hexachlorobutadiene	15.298	225	29027	19.205	ug/l	98
95) Naphthalene	15.433	128	265488	19.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	66545	18.973	ug/l	98

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

