

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073551.D
 Acq On : 21 Jul 2022 13:10
 Operator : JC\MD
 Sample : VN0721MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 21 15:49:53 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	184334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	311781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	285874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	138165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	136125	51.154	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.300%	
35) Dibromofluoromethane	7.951	113	111056	53.538	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.080%	
50) Toluene-d8	10.380	98	357377	48.509	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	12.668	95	147058	51.942	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	41376	15.353	ug/l	99
3) Chloromethane	2.263	50	39782	15.205	ug/l	99
4) Vinyl Chloride	2.404	62	38139	17.156	ug/l	99
5) Bromomethane	2.793	94	20362	19.392	ug/l	94
6) Chloroethane	2.963	64	28735	21.973	ug/l	93
7) Trichlorofluoromethane	3.310	101	61430	15.983	ug/l	89
8) Diethyl Ether	3.769	74	35159	22.472	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.140	101	42132	18.552	ug/l	97
10) Methyl Iodide	4.345	142	25152	11.264	ug/l	95
11) Tert butyl alcohol	5.292	59	81406	126.283	ug/l	99
12) 1,1-Dichloroethene	4.110	96	39263	18.094	ug/l	97
13) Acrolein	3.981	56	9368	22.992	ug/l	98
14) Allyl chloride	4.757	41	94049	20.573	ug/l #	91
15) Acrylonitrile	5.469	53	218355	131.583	ug/l	99
16) Acetone	4.222	43	201603	134.969	ug/l	96
17) Carbon Disulfide	4.451	76	77000	13.685	ug/l	99
18) Methyl Acetate	4.775	43	122420	29.246	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	178161	22.527	ug/l	98
20) Methylene Chloride	5.004	84	53731	20.469	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	41170	18.158	ug/l	94
22) Diisopropyl ether	6.416	45	199263	23.360	ug/l	94
23) Vinyl Acetate	6.351	43	857720	112.306	ug/l	94
24) 1,1-Dichloroethane	6.310	63	94644	21.440	ug/l	98
25) 2-Butanone	7.257	43	320844	134.914	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	67703	16.583	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	57865	21.074	ug/l	98
28) Bromochloromethane	7.581	49	44297	23.960	ug/l #	79
29) Tetrahydrofuran	7.616	42	215971	132.631	ug/l #	86
30) Chloroform	7.745	83	95953	21.582	ug/l	97
31) Cyclohexane	8.022	56	75245	17.265	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	78870	19.906	ug/l	99
36) 1,1-Dichloropropene	8.145	75	60986	19.107	ug/l	97
37) Ethyl Acetate	7.339	43	121828	25.261	ug/l	94
38) Carbon Tetrachloride	8.133	117	62843	19.039	ug/l	99
39) Methylcyclohexane	9.392	83	69914	17.594	ug/l	91
40) Benzene	8.386	78	203295	20.638	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	52084	22.269	ug/l	93
42) 1,2-Dichloroethane	8.463	62	80198	22.460	ug/l	99
43) Isopropyl Acetate	8.492	43	171940	24.807	ug/l #	92
44) Trichloroethene	9.151	130	49471	19.735	ug/l	99
45) 1,2-Dichloropropane	9.427	63	56683	22.577	ug/l	98
46) Dibromomethane	9.510	93	38262	22.445	ug/l	92
47) Bromodichloromethane	9.698	83	76581	23.195	ug/l	98
48) Methyl methacrylate	9.498	41	75341	23.477	ug/l	88
49) 1,4-Dioxane	9.504	88	34104	559.800	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	613186	139.508	ug/l	90
52) Toluene	10.439	92	127186	20.893	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	77413	21.298	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	84482	21.530	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	58687	23.418	ug/l	96
56) Ethyl methacrylate	10.704	69	93180	23.004	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	101112	23.536	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	199162	110.246	ug/l	94
59) 2-Hexanone	11.027	43	470260	140.358	ug/l	88
60) Dibromochloromethane	11.180	129	58163	24.342	ug/l	99
61) 1,2-Dibromoethane	11.286	107	56943	22.748	ug/l	100
64) Tetrachloroethene	10.916	164	47055	20.157	ug/l	92
65) Chlorobenzene	11.710	112	134399	20.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	50842	21.379	ug/l	96
67) Ethyl Benzene	11.786	91	237407	20.226	ug/l	97
68) m/p-Xylenes	11.892	106	179748	40.577	ug/l	97
69) o-Xylene	12.221	106	93021	20.570	ug/l	99
70) Styrene	12.233	104	147627	21.144	ug/l	98
71) Bromoform	12.398	173	41578	23.894	ug/l #	98
73) Isopropylbenzene	12.521	105	236806	19.848	ug/l	99
74) N-amyl acetate	12.327	43	129323	21.647	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	94381	23.838	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	86282m	23.883	ug/l	
77) Bromobenzene	12.798	156	55438	19.985	ug/l	84
78) n-propylbenzene	12.863	91	269890	20.362	ug/l	99
79) 2-Chlorotoluene	12.945	91	169136	20.162	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	196432	20.199	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	26785	20.333	ug/l	92
82) 4-Chlorotoluene	13.045	91	159441	19.632	ug/l	99
83) tert-Butylbenzene	13.263	119	181302	20.795	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	193613	19.941	ug/l	96
85) sec-Butylbenzene	13.439	105	242305	20.697	ug/l	98
86) p-Isopropyltoluene	13.557	119	194941	20.613	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	100654	20.226	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	98712	19.797	ug/l	99
89) n-Butylbenzene	13.880	91	158014	20.051	ug/l	96
90) Hexachloroethane	14.151	117	36118	20.493	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	104018	20.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	22439	23.318	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	53676	20.335	ug/l	98
94) Hexachlorobutadiene	15.304	225	26456	22.546	ug/l	98
95) Naphthalene	15.439	128	217375	20.414	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	59684	21.919	ug/l	97

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

