

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071418.D
 Acq On : 21 Mar 2022 14:27
 Operator : JC\MD
 Sample : VN0321MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/28/2022
 Supervised By :Semsettin Yesilyurt 03/28/2022

Quant Time: Mar 21 16:25:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	552000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	883467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	798718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	316407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	438945	58.020	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.040%			
35) Dibromofluoromethane	8.016	113	329016	59.016	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 118.040%			
50) Toluene-d8	10.439	98	1287757	57.370	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 114.740%			
62) 4-Bromofluorobenzene	12.727	95	434652	57.184	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	105583	17.452	ug/l	100
3) Chloromethane	2.298	50	146394	18.002	ug/l	99
4) Vinyl Chloride	2.440	62	132617	17.887	ug/l	97
5) Bromomethane	2.846	94	73823	18.539	ug/l	100
6) Chloroethane	3.016	64	81109	18.065	ug/l	97
7) Trichlorofluoromethane	3.375	101	190284	19.499	ug/l	99
8) Diethyl Ether	3.822	74	79114	18.946	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.216	101	113118	20.024	ug/l	94
10) Methyl Iodide	4.422	142	138465	17.354	ug/l	98
11) Tert butyl alcohol	5.363	59	146067	98.283	ug/l	99
12) 1,1-Dichloroethene	4.181	96	104936	18.962	ug/l	89
13) Acrolein	4.040	56	72666	46.194	ug/l	99
14) Allyl chloride	4.840	41	227600	18.909	ug/l	85
15) Acrylonitrile	5.551	53	433566	98.248	ug/l	99
16) Acetone	4.281	43	456381	123.981	ug/l	91
17) Carbon Disulfide	4.534	76	250149	15.878	ug/l	97
18) Methyl Acetate	4.851	43	217260	22.240	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	416614	20.051	ug/l	98
20) Methylene Chloride	5.092	84	134517	20.223	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	111374	18.399	ug/l	87
22) Diisopropyl ether	6.492	45	483619	20.395	ug/l	93
23) Vinyl Acetate	6.428	43	2039356	101.589	ug/l	98
24) 1,1-Dichloroethane	6.386	63	250729	20.010	ug/l	98
25) 2-Butanone	7.328	43	634781	107.050	ug/l	95
26) 2,2-Dichloropropane	7.322	77	199973	20.687	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	143584	19.986	ug/l	90
28) Bromochloromethane	7.651	49	109853	19.687	ug/l #	81
29) Tetrahydrofuran	7.680	42	411616	100.198	ug/l	91
30) Chloroform	7.816	83	240423	20.118	ug/l	99
31) Cyclohexane	8.092	56	227059	18.794	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	205079	20.146	ug/l	98
36) 1,1-Dichloropropene	8.216	75	172214	19.280	ug/l	97
37) Ethyl Acetate	7.410	43	244060	19.853	ug/l	98
38) Carbon Tetrachloride	8.204	117	168972	19.557	ug/l	100
39) Methylcyclohexane	9.457	83	205760	19.581	ug/l	92
40) Benzene	8.457	78	537937	19.988	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	127921	21.263	ug/l #	85
42) 1,2-Dichloroethane	8.527	62	200952	21.457	ug/l	99
43) Isopropyl Acetate	8.557	43	381098	20.731	ug/l #	94
44) Trichloroethene	9.216	130	126756	19.962	ug/l	98
45) 1,2-Dichloropropane	9.486	63	146893	20.333	ug/l	99
46) Dibromomethane	9.574	93	90048	20.251	ug/l	96
47) Bromodichloromethane	9.757	83	186645	20.770	ug/l	97
48) Methyl methacrylate	9.557	41	173528	20.369	ug/l #	82
49) 1,4-Dioxane	9.563	88	62333	420.939	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1184894	103.858	ug/l	99
52) Toluene	10.504	92	340063	20.520	ug/l	93
53) t-1,3-Dichloropropene	10.716	75	199663	20.156	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	220015	20.328	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	134267	20.219	ug/l	97
56) Ethyl methacrylate	10.757	69	218614	20.159	ug/l	89
57) 1,3-Dichloropropane	11.039	76	242066	20.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	215768	112.011	ug/l	94
59) 2-Hexanone	11.080	43	874948	112.399	ug/l	99
60) Dibromochloromethane	11.233	129	134059	20.318	ug/l	99
61) 1,2-Dibromoethane	11.345	107	132796	19.566	ug/l	100
64) Tetrachloroethene	10.974	164	110934	19.914	ug/l	95
65) Chlorobenzene	11.768	112	346961	20.227	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	130392	20.732	ug/l	99
67) Ethyl Benzene	11.839	91	621602	20.496	ug/l	98
68) m/p-Xylenes	11.951	106	465278	41.936	ug/l	98
69) o-Xylene	12.274	106	229798	20.662	ug/l	98
70) Styrene	12.292	104	364386	21.166	ug/l	97
71) Bromoform	12.457	173	98418	20.605	ug/l #	100
73) Isopropylbenzene	12.574	105	598198	19.612	ug/l	99
74) N-amyl acetate	12.386	43	239993	20.927	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	213781	22.159	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	194811m	23.932	ug/l	
77) Bromobenzene	12.857	156	142966	20.101	ug/l	80
78) n-propylbenzene	12.915	91	658621	20.123	ug/l	97
79) 2-Chlorotoluene	13.004	91	419041	19.945	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	477325	20.115	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	58863	20.110	ug/l	96
82) 4-Chlorotoluene	13.104	91	388283	20.748	ug/l	93
83) tert-Butylbenzene	13.321	119	430498	20.328	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	472673	20.796	ug/l	98
85) sec-Butylbenzene	13.498	105	576337	20.475	ug/l	99
86) p-Isopropyltoluene	13.610	119	461443	20.845	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	232580	20.126	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	223018	19.742	ug/l	97
89) n-Butylbenzene	13.939	91	345094	19.931	ug/l	96
90) Hexachloroethane	14.204	117	85395	19.398	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	229878	20.690	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36541	20.590	ug/l	87
93) 1,2,4-Trichlorobenzene	15.256	180	98736	20.892	ug/l	98
94) Hexachlorobutadiene	15.362	225	64906	20.810	ug/l	100
95) Naphthalene	15.504	128	268410	21.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	100791	21.913	ug/l	99

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

