

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072362.D
 Acq On : 06 May 2022 18:12
 Operator : JC\MD
 Sample : VN0506MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 09 03:15:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	229032	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	375377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	358958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	145574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	156823	44.601	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.200%		
35) Dibromofluoromethane	8.022	113	123310	51.323	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.640%		
50) Toluene-d8	10.439	98	466990	49.465	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.727	95	154944	49.446	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	41842	16.185	ug/l	98
3) Chloromethane	2.299	50	42946	14.332	ug/l	100
4) Vinyl Chloride	2.440	62	35022	13.583	ug/l	97
5) Bromomethane	2.828	94	21430	15.832	ug/l	99
6) Chloroethane	2.998	64	20916	13.130	ug/l	95
7) Trichlorofluoromethane	3.363	101	76756	17.040	ug/l	98
8) Diethyl Ether	3.822	74	28970	17.762	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	43843	18.530	ug/l	96
10) Methyl Iodide	4.416	142	50169	17.468	ug/l	# 87
11) Tert butyl alcohol	5.375	59	61633	106.663	ug/l	97
12) 1,1-Dichloroethene	4.181	96	36188	16.543	ug/l	94
13) Acrolein	4.040	56	43951	75.582	ug/l	94
14) Allyl chloride	4.840	41	77517	17.068	ug/l	# 94
15) Acrylonitrile	5.551	53	163633	93.843	ug/l	99
16) Acetone	4.287	43	145177	95.766	ug/l	97
17) Carbon Disulfide	4.528	76	75416	14.910	ug/l	100
18) Methyl Acetate	4.851	43	83009	19.563	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	163410	19.058	ug/l	94
20) Methylene Chloride	5.092	84	49307	16.968	ug/l	# 87
21) trans-1,2-Dichloroethene	5.598	96	39398	16.334	ug/l	93
22) Diisopropyl ether	6.492	45	173093	18.502	ug/l	93
23) Vinyl Acetate	6.434	43	731769	93.137	ug/l	94
24) 1,1-Dichloroethane	6.387	63	92143	17.609	ug/l	98
25) 2-Butanone	7.334	43	225785	93.521	ug/l	# 87
26) 2,2-Dichloropropane	7.322	77	69598	17.027	ug/l	95
27) cis-1,2-Dichloroethene	7.328	96	51805	17.617	ug/l	93
28) Bromochloromethane	7.651	49	44977	19.195	ug/l	84
29) Tetrahydrofuran	7.681	42	145401	91.770	ug/l	89
30) Chloroform	7.816	83	90608	17.245	ug/l	93
31) Cyclohexane	8.092	56	70491	15.004	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	79446	17.768	ug/l	99
36) 1,1-Dichloropropene	8.216	75	60568	17.319	ug/l	97
37) Ethyl Acetate	7.410	43	86305	18.583	ug/l	96
38) Carbon Tetrachloride	8.204	117	67369	17.986	ug/l	89
39) Methylcyclohexane	9.457	83	60855	15.558	ug/l	93
40) Benzene	8.457	78	184750	17.031	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	45045	19.172	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	76584	18.441	ug/l	97
43) Isopropyl Acetate	8.557	43	128237	18.105	ug/l	95
44) Trichloroethene	9.210	130	46549	18.447	ug/l	96
45) 1,2-Dichloropropane	9.486	63	50194	17.124	ug/l	98
46) Dibromomethane	9.575	93	34301	18.680	ug/l	95
47) Bromodichloromethane	9.757	83	73664	19.120	ug/l	99
48) Methyl methacrylate	9.557	41	56636	18.461	ug/l	92
49) 1,4-Dioxane	9.563	88	22916	425.236	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	466035	106.351	ug/l	93
52) Toluene	10.504	92	125259	19.316	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	75466	19.485	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	79805	19.053	ug/l	93
55) 1,1,2-Trichloroethane	10.898	97	53672	19.739	ug/l	99
56) Ethyl methacrylate	10.757	69	82904	18.951	ug/l	89
57) 1,3-Dichloropropane	11.039	76	94860	19.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	108507	96.421	ug/l	96
59) 2-Hexanone	11.080	43	326829	105.859	ug/l	92
60) Dibromochloromethane	11.233	129	56602	20.357	ug/l	99
61) 1,2-Dibromoethane	11.345	107	53793	20.116	ug/l	100
64) Tetrachloroethene	10.974	164	40867	18.914	ug/l	91
65) Chlorobenzene	11.769	112	134730	18.576	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	52062	19.050	ug/l	99
67) Ethyl Benzene	11.839	91	227161	17.960	ug/l	99
68) m/p-Xylenes	11.951	106	176463	37.570	ug/l	98
69) o-Xylene	12.274	106	86180	18.927	ug/l	95
70) Styrene	12.292	104	137009	19.103	ug/l	95
71) Bromoform	12.451	173	40887	20.116	ug/l #	98
73) Isopropylbenzene	12.574	105	227315	17.680	ug/l	99
74) N-amyl acetate	12.386	43	88030	18.275	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	85631	19.076	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	74998m	22.754	ug/l	
77) Bromobenzene	12.857	156	53935	17.739	ug/l	87
78) n-propylbenzene	12.916	91	246940	17.434	ug/l	99
79) 2-Chlorotoluene	13.004	91	159522	17.147	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	185956	17.367	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	21486	17.066	ug/l	90
82) 4-Chlorotoluene	13.098	91	146164	16.877	ug/l	97
83) tert-Butylbenzene	13.321	119	168306	17.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	184606	17.819	ug/l	97
85) sec-Butylbenzene	13.498	105	221536	18.075	ug/l	97
86) p-Isopropyltoluene	13.610	119	173687	18.177	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	91213	18.536	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	88930	18.583	ug/l	97
89) n-Butylbenzene	13.939	91	129673	17.717	ug/l	96
90) Hexachloroethane	14.204	117	33862	16.324	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	93687	19.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	15739	17.700	ug/l	86
93) 1,2,4-Trichlorobenzene	15.262	180	35208	17.362	ug/l	96
94) Hexachlorobutadiene	15.362	225	23042	17.729	ug/l	97
95) Naphthalene	15.498	128	115525	18.304	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	37536	18.573	ug/l	97

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

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