

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074233.D
 Acq On : 01 Sep 2022 11:25
 Operator : JC\MD
 Sample : VN0901MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 16:14:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	184602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	333846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	316479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	139032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	152801	53.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.720%			
35) Dibromofluoromethane	7.945	113	107358	49.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.840%			
50) Toluene-d8	10.375	98	435302	50.882	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.669	95	141593	54.424	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	32890	17.219	ug/l	90
3) Chloromethane	2.269	50	60072	22.328	ug/l	97
4) Vinyl Chloride	2.405	62	57821	21.628	ug/l	93
5) Bromomethane	2.787	94	34738	23.766	ug/l	99
6) Chloroethane	2.958	64	40234	21.609	ug/l	95
7) Trichlorofluoromethane	3.310	101	69545	17.016	ug/l	91
8) Diethyl Ether	3.763	74	34066	19.600	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.146	101	42403	18.167	ug/l	94
10) Methyl Iodide	4.357	142	38761	20.576	ug/l	92
11) Tert butyl alcohol	5.287	59	63922	94.438	ug/l	97
12) 1,1-Dichloroethene	4.116	96	42610	19.687	ug/l #	95
13) Acrolein	3.975	56	63692	100.615	ug/l	94
14) Allyl chloride	4.757	41	98342	20.376	ug/l #	94
15) Acrylonitrile	5.469	53	213678	103.287	ug/l	99
16) Acetone	4.216	43	177915	92.978	ug/l	93
17) Carbon Disulfide	4.457	76	111981	18.180	ug/l	97
18) Methyl Acetate	4.769	43	110882	21.737	ug/l #	89
19) Methyl tert-butyl Ether	5.522	73	168338	21.027	ug/l	93
20) Methylene Chloride	5.010	84	56887	20.873	ug/l #	77
21) trans-1,2-Dichloroethene	5.516	96	42988	17.209	ug/l	95
22) Diisopropyl ether	6.404	45	218383	22.208	ug/l #	92
23) Vinyl Acetate	6.346	43	933357	112.419	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	102100	21.047	ug/l	97
25) 2-Butanone	7.257	43	312897	102.218	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	69871	22.483	ug/l	100
27) cis-1,2-Dichloroethene	7.240	96	57486	20.603	ug/l	91
28) Bromochloromethane	7.587	49	38398	22.554	ug/l #	68
29) Tetrahydrofuran	7.604	42	212147	108.823	ug/l #	82
30) Chloroform	7.745	83	99179	20.055	ug/l	93
31) Cyclohexane	8.028	56	100591	21.260	ug/l #	71
32) 1,1,1-Trichloroethane	7.940	97	77473	20.370	ug/l	94
36) 1,1-Dichloropropene	8.151	75	68787	19.515	ug/l	95
37) Ethyl Acetate	7.334	43	121817	20.665	ug/l #	93
38) Carbon Tetrachloride	8.134	117	62784	19.569	ug/l	97
39) Methylcyclohexane	9.392	83	85098	20.566	ug/l	91
40) Benzene	8.387	78	232521	21.009	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	59580	21.897	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	81508	20.695	ug/l	87
43) Isopropyl Acetate	8.492	43	180527	22.781	ug/l #	90
44) Trichloroethene	9.145	130	48350	19.550	ug/l	97
45) 1,2-Dichloropropane	9.422	63	63869	21.374	ug/l	94
46) Dibromomethane	9.510	93	38820	19.452	ug/l	88
47) Bromodichloromethane	9.692	83	77491	19.814	ug/l	96
48) Methyl methacrylate	9.492	41	79325	21.074	ug/l	85
49) 1,4-Dioxane	9.504	88	26389	324.945	ug/l #	75
51) 4-Methyl-2-Pentanone	10.269	43	638210	110.970	ug/l	88
52) Toluene	10.439	92	142523	21.848	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	81541	21.990	ug/l	92
54) cis-1,3-Dichloropropene	10.128	75	86687	20.881	ug/l #	86
55) 1,1,2-Trichloroethane	10.833	97	59167	20.968	ug/l	99
56) Ethyl methacrylate	10.698	69	93476	21.855	ug/l #	75
57) 1,3-Dichloropropane	10.980	76	105020	21.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	248243	114.736	ug/l #	88
59) 2-Hexanone	11.022	43	478033	109.528	ug/l	87
60) Dibromochloromethane	11.175	129	54119	20.476	ug/l	99
61) 1,2-Dibromoethane	11.286	107	59333	22.005	ug/l	96
64) Tetrachloroethene	10.916	164	42970	18.745	ug/l	91
65) Chlorobenzene	11.710	112	146621	20.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	46794	18.487	ug/l	92
67) Ethyl Benzene	11.780	91	264322	20.682	ug/l	95
68) m/p-Xylenes	11.892	106	194072	40.878	ug/l	96
69) o-Xylene	12.222	106	97946	20.705	ug/l	99
70) Styrene	12.233	104	159811	21.204	ug/l	99
71) Bromoform	12.398	173	37532	17.505	ug/l #	98
73) Isopropylbenzene	12.516	105	241199	20.257	ug/l	100
74) N-amyl acetate	12.327	43	148818	22.091	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.763	83	98331	19.914	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	77507m	22.206	ug/l	
77) Bromobenzene	12.798	156	54145	19.440	ug/l	76
78) n-propylbenzene	12.857	91	304183	22.412	ug/l	93
79) 2-Chlorotoluene	12.945	91	178250	21.442	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	203209	20.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	28318	21.141	ug/l	84
82) 4-Chlorotoluene	13.039	91	169642	21.089	ug/l	96
83) tert-Butylbenzene	13.263	119	171924	20.756	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	206193	22.063	ug/l	98
85) sec-Butylbenzene	13.439	105	255888	22.022	ug/l	95
86) p-Isopropyltoluene	13.551	119	197792	21.877	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	104410	21.030	ug/l	96
88) 1,4-Dichlorobenzene	13.633	146	103018	20.057	ug/l	98
89) n-Butylbenzene	13.880	91	173985	22.095	ug/l	96
90) Hexachloroethane	14.145	117	37858	20.311	ug/l	77
91) 1,2-Dichlorobenzene	13.921	146	108755	20.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20203	20.470	ug/l	81
93) 1,2,4-Trichlorobenzene	15.198	180	49681	19.407	ug/l	98
94) Hexachlorobutadiene	15.298	225	22214	17.645	ug/l	95
95) Naphthalene	15.433	128	188526	18.610	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	52969	19.973	ug/l	96

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

