

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073129.D
 Acq On : 26 Jun 2022 00:52
 Operator : JC\MD
 Sample : VN0625MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 03:50:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	252237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	439099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	388772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	174984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196108	57.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.020%			
35) Dibromofluoromethane	7.951	113	151895	55.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.940%			
50) Toluene-d8	10.380	98	553247	54.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.560%			
62) 4-Bromofluorobenzene	12.669	95	201523	55.494	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	49218	20.494	ug/l	99
3) Chloromethane	2.269	50	43693	17.301	ug/l	100
4) Vinyl Chloride	2.405	62	41326	19.188	ug/l	95
5) Bromomethane	2.804	94	18261	21.538	ug/l	92
6) Chloroethane	2.969	64	28179	20.913	ug/l	91
7) Trichlorofluoromethane	3.316	101	86961	24.794	ug/l	97
8) Diethyl Ether	3.775	74	37827	20.898	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.146	101	50456	20.812	ug/l	97
10) Methyl Iodide	4.351	142	42338	15.236	ug/l	96
11) Tert butyl alcohol	5.293	59	101377	115.084	ug/l	100
12) 1,1-Dichloroethene	4.122	96	46994	19.459	ug/l	92
13) Acrolein	3.987	56	17790	51.278	ug/l	92
14) Allyl chloride	4.763	41	98874	19.163	ug/l #	93
15) Acrylonitrile	5.475	53	229537	113.036	ug/l	99
16) Acetone	4.222	43	215115	114.755	ug/l	95
17) Carbon Disulfide	4.463	76	94996	15.353	ug/l	98
18) Methyl Acetate	4.781	43	116018	23.242	ug/l	92
19) Methyl tert-butyl Ether	5.540	73	207017	22.825	ug/l	99
20) Methylene Chloride	5.010	84	60324	20.605	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	49768	18.945	ug/l	89
22) Diisopropyl ether	6.410	45	217735	22.637	ug/l	94
23) Vinyl Acetate	6.357	43	965037	108.686	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	111752	22.161	ug/l	97
25) 2-Butanone	7.263	43	338571	113.820	ug/l	93
26) 2,2-Dichloropropane	7.245	77	52003	11.983	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	66953	21.333	ug/l	96
28) Bromochloromethane	7.581	49	46310	22.205	ug/l	88
29) Tetrahydrofuran	7.610	42	226614	115.365	ug/l	88
30) Chloroform	7.745	83	116617	22.843	ug/l	99
31) Cyclohexane	8.022	56	90841	19.693	ug/l	89
32) 1,1,1-Trichloroethane	7.945	97	97272	21.713	ug/l	99
36) 1,1-Dichloropropene	8.151	75	71415	19.446	ug/l	98
37) Ethyl Acetate	7.339	43	127261	21.665	ug/l	98
38) Carbon Tetrachloride	8.134	117	79027	20.458	ug/l	94
39) Methylcyclohexane	9.398	83	84302	19.045	ug/l	93
40) Benzene	8.386	78	244116	21.151	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	60910	21.867	ug/l	90
42) 1,2-Dichloroethane	8.463	62	93464	22.800	ug/l	98
43) Isopropyl Acetate	8.498	43	192499	22.926	ug/l	92
44) Trichloroethene	9.145	130	60608	20.722	ug/l	93
45) 1,2-Dichloropropane	9.428	63	64209	21.765	ug/l	100
46) Dibromomethane	9.510	93	43763	21.939	ug/l	93
47) Bromodichloromethane	9.704	83	89768	22.644	ug/l	91
48) Methyl methacrylate	9.498	41	89314	23.297	ug/l	89
49) 1,4-Dioxane	9.504	88	36808	426.718	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	644058	117.625	ug/l	90
52) Toluene	10.439	92	149557	21.106	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	86437	20.274	ug/l	96
54) cis-1,3-Dichloropropene	10.122	75	92464	19.855	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	66107	21.248	ug/l	96
56) Ethyl methacrylate	10.698	69	108811	21.820	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	113732	22.034	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	252130	114.519	ug/l	97
59) 2-Hexanone	11.022	43	494542	116.775	ug/l	90
60) Dibromochloromethane	11.175	129	67341	22.902	ug/l	99
61) 1,2-Dibromoethane	11.280	107	65508	21.358	ug/l	96
64) Tetrachloroethene	10.910	164	54430	23.014	ug/l	96
65) Chlorobenzene	11.710	112	162011	21.338	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	62555	21.647	ug/l	99
67) Ethyl Benzene	11.780	91	291936	21.842	ug/l	98
68) m/p-Xylenes	11.892	106	218848	41.747	ug/l	98
69) o-Xylene	12.216	106	113292	21.628	ug/l	99
70) Styrene	12.233	104	180743	21.486	ug/l	99
71) Bromoform	12.392	173	47269	21.694	ug/l #	98
73) Isopropylbenzene	12.516	105	288063	21.279	ug/l	100
74) N-amyl acetate	12.327	43	149557	21.289	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.763	83	103424	21.214	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	86939m	20.493	ug/l	
77) Bromobenzene	12.798	156	67325	20.760	ug/l	89
78) n-propylbenzene	12.857	91	315076	21.160	ug/l	98
79) 2-Chlorotoluene	12.945	91	202577	21.009	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	239049	21.498	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	27308	17.383	ug/l	95
82) 4-Chlorotoluene	13.045	91	195114	21.387	ug/l	96
83) tert-Butylbenzene	13.257	119	218004	21.407	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	239768	21.649	ug/l	97
85) sec-Butylbenzene	13.439	105	292635	21.541	ug/l	99
86) p-Isopropyltoluene	13.551	119	231915	21.085	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	120964	20.892	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	120817	20.617	ug/l	98
89) n-Butylbenzene	13.880	91	181514	20.211	ug/l	98
90) Hexachloroethane	14.145	117	43892	21.168	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	126826	21.004	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26407	21.432	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	64432	19.282	ug/l	98
94) Hexachlorobutadiene	15.298	225	28222	19.408	ug/l	99
95) Naphthalene	15.433	128	263376	19.484	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	67693	18.971	ug/l	95

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

