

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073168.D
 Acq On : 27 Jun 2022 17:40
 Operator : JC\MD
 Sample : VN0627MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 06:38:33 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	270012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	464369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	412190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	192497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187380	51.330	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	7.951	113	145291	50.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	10.375	98	521965	48.872	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.740%			
62) 4-Bromofluorobenzene	12.669	95	196701	51.218	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	47160	18.344	ug/l	96
3) Chloromethane	2.269	50	44934	16.644	ug/l	100
4) Vinyl Chloride	2.405	62	43132	18.708	ug/l	95
5) Bromomethane	2.805	94	20007	22.044	ug/l	92
6) Chloroethane	2.963	64	29284	20.302	ug/l #	86
7) Trichlorofluoromethane	3.316	101	85717	22.831	ug/l	99
8) Diethyl Ether	3.769	74	40938	21.127	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.146	101	52191	20.110	ug/l	98
10) Methyl Iodide	4.357	142	48405	16.272	ug/l	96
11) Tert butyl alcohol	5.298	59	103469	109.727	ug/l	99
12) 1,1-Dichloroethene	4.116	96	47762	18.475	ug/l	92
13) Acrolein	3.987	56	16840	45.344	ug/l	100
14) Allyl chloride	4.763	41	108056	19.564	ug/l #	92
15) Acrylonitrile	5.475	53	239201	110.041	ug/l	99
16) Acetone	4.228	43	223961	111.609	ug/l	90
17) Carbon Disulfide	4.457	76	91269	13.779	ug/l	98
18) Methyl Acetate	4.781	43	120483	22.547	ug/l	90
19) Methyl tert-butyl Ether	5.540	73	217917	22.445	ug/l	100
20) Methylene Chloride	5.010	84	63129	20.138	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	49062	17.447	ug/l	98
22) Diisopropyl ether	6.410	45	228311	22.174	ug/l	94
23) Vinyl Acetate	6.351	43	1039118	109.325	ug/l	94
24) 1,1-Dichloroethane	6.304	63	111522	20.659	ug/l	99
25) 2-Butanone	7.263	43	364318	114.413	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	96249	21.145	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	68781	20.473	ug/l	95
28) Bromochloromethane	7.587	49	43069	19.292	ug/l	84
29) Tetrahydrofuran	7.610	42	236739	112.585	ug/l	88
30) Chloroform	7.745	83	117379	21.479	ug/l	98
31) Cyclohexane	8.016	56	90029	18.232	ug/l #	88
32) 1,1,1-Trichloroethane	7.939	97	101274	21.118	ug/l	99
36) 1,1-Dichloropropene	8.151	75	74406	19.158	ug/l	99
37) Ethyl Acetate	7.334	43	138857	22.353	ug/l	95
38) Carbon Tetrachloride	8.134	117	81045	19.839	ug/l	99
39) Methylcyclohexane	9.392	83	86490	18.476	ug/l	96
40) Benzene	8.387	78	245891	20.146	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	66657	22.628	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	96386	22.233	ug/l	98
43) Isopropyl Acetate	8.492	43	205172	23.105	ug/l	94
44) Trichloroethene	9.151	130	60691	19.621	ug/l	96
45) 1,2-Dichloropropane	9.422	63	66272	21.242	ug/l	98
46) Dibromomethane	9.516	93	45589	21.611	ug/l	93
47) Bromodichloromethane	9.698	83	91549	21.836	ug/l	99
48) Methyl methacrylate	9.498	41	88946	21.939	ug/l	90
49) 1,4-Dioxane	9.504	88	38345	420.345	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	683273	117.997	ug/l	91
52) Toluene	10.439	92	156657	20.905	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	99846	22.145	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	103460	21.007	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	68032	20.676	ug/l	95
56) Ethyl methacrylate	10.698	69	118954	22.556	ug/l	88
57) 1,3-Dichloropropane	10.980	76	119562	21.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	257244	110.483	ug/l	96
59) 2-Hexanone	11.022	43	524268	117.058	ug/l	91
60) Dibromochloromethane	11.180	129	68943	22.171	ug/l	100
61) 1,2-Dibromoethane	11.280	107	71419	22.018	ug/l	99
64) Tetrachloroethene	10.910	164	58744	23.427	ug/l	95
65) Chlorobenzene	11.710	112	167175	20.767	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	65576	21.403	ug/l	98
67) Ethyl Benzene	11.780	91	305292	21.544	ug/l	96
68) m/p-Xylenes	11.892	106	227900	41.004	ug/l	96
69) o-Xylene	12.216	106	120411	21.681	ug/l	100
70) Styrene	12.233	104	196665	22.051	ug/l	99
71) Bromoform	12.392	173	51393	22.247	ug/l #	97
73) Isopropylbenzene	12.516	105	305673	20.526	ug/l	99
74) N-amyl acetate	12.327	43	166636	21.562	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	110547	20.612	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	96114m	20.594	ug/l	
77) Bromobenzene	12.798	156	72863	20.423	ug/l	90
78) n-propylbenzene	12.857	91	343264	20.956	ug/l	99
79) 2-Chlorotoluene	12.945	91	215545	20.320	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	259235	21.192	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	33378	19.314	ug/l	88
82) 4-Chlorotoluene	13.039	91	202018	20.130	ug/l	97
83) tert-Butylbenzene	13.263	119	233214	20.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	258622	21.227	ug/l	97
85) sec-Butylbenzene	13.439	105	314432	21.039	ug/l	99
86) p-Isopropyltoluene	13.551	119	258197	21.339	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	126165	19.808	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	125598	19.483	ug/l	97
89) n-Butylbenzene	13.880	91	206954	20.947	ug/l	98
90) Hexachloroethane	14.145	117	45358	19.885	ug/l	92
91) 1,2-Dichlorobenzene	13.921	146	133304	20.068	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	29169	21.520	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	72870	19.823	ug/l	95
94) Hexachlorobutadiene	15.298	225	30668	19.171	ug/l	99
95) Naphthalene	15.433	128	344832	23.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	78580	20.018	ug/l	98

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

