

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073446.D
 Acq On : 13 Jul 2022 13:33
 Operator : JC\MD
 Sample : VN0713MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2022
 Supervised By : Mahesh Dadoda 07/14/2022

Quant Time: Jul 14 07:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	233915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	395682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	358956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	172469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185196	54.843	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.680%			
35) Dibromofluoromethane	7.951	113	146053	55.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.960%			
50) Toluene-d8	10.380	98	497551	53.215	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.420%			
62) 4-Bromofluorobenzene	12.668	95	197430	54.947	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	57606	16.845	ug/l	98
3) Chloromethane	2.269	50	52622	15.849	ug/l	94
4) Vinyl Chloride	2.404	62	45121	15.994	ug/l	100
5) Bromomethane	2.804	94	24535	18.414	ug/l	89
6) Chloroethane	2.963	64	29402	17.718	ug/l #	87
7) Trichlorofluoromethane	3.322	101	84444	17.314	ug/l	96
8) Diethyl Ether	3.769	74	35539	17.900	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	50449	17.506	ug/l	97
10) Methyl Iodide	4.351	142	45081	14.491	ug/l	91
11) Tert butyl alcohol	5.292	59	76321	93.300	ug/l	99
12) 1,1-Dichloroethene	4.116	96	45485	16.518	ug/l	94
13) Acrolein	3.987	56	22536	43.586	ug/l	96
14) Allyl chloride	4.757	41	105403	18.170	ug/l #	91
15) Acrylonitrile	5.475	53	212913	101.108	ug/l	99
16) Acetone	4.222	43	209214	110.376	ug/l	96
17) Carbon Disulfide	4.457	76	104375	14.618	ug/l	99
18) Methyl Acetate	4.775	43	114683	21.590	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	182987	18.233	ug/l	99
20) Methylene Chloride	5.010	84	58244	17.485	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	48027	16.692	ug/l	99
22) Diisopropyl ether	6.410	45	212076	19.592	ug/l #	95
23) Vinyl Acetate	6.351	43	891891	92.027	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	106393	18.993	ug/l	99
25) 2-Butanone	7.257	43	316709	104.947	ug/l #	87
26) 2,2-Dichloropropane	7.239	77	87201	16.832	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	60792	17.447	ug/l	92
28) Bromochloromethane	7.580	49	60709	25.877	ug/l #	80
29) Tetrahydrofuran	7.610	42	209296	101.288	ug/l #	85
30) Chloroform	7.745	83	106363	18.852	ug/l	95
31) Cyclohexane	8.016	56	94071	17.010	ug/l	86
32) 1,1,1-Trichloroethane	7.945	97	88007	17.504	ug/l	98
36) 1,1-Dichloropropene	8.151	75	73463	18.136	ug/l	95
37) Ethyl Acetate	7.339	43	118060	19.289	ug/l #	94
38) Carbon Tetrachloride	8.133	117	73646	17.581	ug/l	87
39) Methylcyclohexane	9.392	83	86216	17.096	ug/l	92
40) Benzene	8.386	78	228799	18.302	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	53847	18.141	ug/l	89
42) 1,2-Dichloroethane	8.463	62	86227	19.028	ug/l	99
43) Isopropyl Acetate	8.492	43	171689	19.519	ug/l	93
44) Trichloroethene	9.145	130	54925	17.265	ug/l	87
45) 1,2-Dichloropropane	9.427	63	60216	18.899	ug/l	100
46) Dibromomethane	9.510	93	40476	18.709	ug/l	89
47) Bromodichloromethane	9.698	83	80211	19.143	ug/l #	99
48) Methyl methacrylate	9.492	41	72868	17.892	ug/l	91
49) 1,4-Dioxane	9.498	88	32535	420.806	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	595503	106.757	ug/l	89
52) Toluene	10.439	92	142224	18.409	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	83538	18.110	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	90775	18.228	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	58613	18.429	ug/l	93
56) Ethyl methacrylate	10.698	69	91836	17.864	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	104503	19.167	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.980	63	196051	85.512	ug/l	92
59) 2-Hexanone	11.027	43	451960	106.292	ug/l	88
60) Dibromochloromethane	11.180	129	58366	19.248	ug/l	99
61) 1,2-Dibromoethane	11.286	107	57518	18.106	ug/l	97
64) Tetrachloroethene	10.916	164	51384	17.530	ug/l	96
65) Chlorobenzene	11.710	112	144514	17.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	55127	18.462	ug/l	96
67) Ethyl Benzene	11.780	91	265812	18.035	ug/l	98
68) m/p-Xylenes	11.892	106	199453	35.858	ug/l	96
69) o-Xylene	12.221	106	99170	17.465	ug/l	94
70) Styrene	12.233	104	160035	18.255	ug/l	98
71) Bromoform	12.398	173	39626	18.136	ug/l #	100
73) Isopropylbenzene	12.515	105	256070	17.194	ug/l	98
74) N-amyl acetate	12.327	43	121169	16.248	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	93481	18.915	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	81686m	18.113	ug/l	
77) Bromobenzene	12.798	156	56635	16.356	ug/l	81
78) n-propylbenzene	12.857	91	295750	17.875	ug/l	97
79) 2-Chlorotoluene	12.945	91	185192	17.685	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	212991	17.546	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	26859	16.334	ug/l	87
82) 4-Chlorotoluene	13.045	91	176896	17.449	ug/l	95
83) tert-Butylbenzene	13.262	119	184561	16.958	ug/l	93
84) 1,2,4-Trimethylbenzene	13.310	105	212927	17.568	ug/l	97
85) sec-Butylbenzene	13.439	105	261154	17.870	ug/l	99
86) p-Isopropyltoluene	13.557	119	209456	17.743	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	106720	17.179	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	106372	17.090	ug/l	98
89) n-Butylbenzene	13.880	91	171863	17.471	ug/l	97
90) Hexachloroethane	14.145	117	38014	17.279	ug/l	83
91) 1,2-Dichlorobenzene	13.927	146	110023	17.386	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20229	16.840	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	53543	16.250	ug/l	98
94) Hexachlorobutadiene	15.304	225	24740	16.890	ug/l	98
95) Naphthalene	15.433	128	207752	15.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	55856	16.433	ug/l	95

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

