

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071313.D
 Acq On : 16 Mar 2022 11:53
 Operator : JC\MD
 Sample : VN0316MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 16 15:46:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	607481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1008560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	878152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	338467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	443122	53.223	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.440%			
35) Dibromofluoromethane	8.016	113	334462	52.552	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.100%			
50) Toluene-d8	10.439	98	1326898	51.782	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.727	95	420203	48.426	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	106909	16.058	ug/l	100
3) Chloromethane	2.299	50	157477	17.596	ug/l	94
4) Vinyl Chloride	2.440	62	140287	17.194	ug/l	94
5) Bromomethane	2.840	94	78387	17.649	ug/l	99
6) Chloroethane	3.005	64	88925	17.997	ug/l	92
7) Trichlorofluoromethane	3.369	101	186959	17.409	ug/l	97
8) Diethyl Ether	3.822	74	84859	18.465	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	108863	17.511	ug/l	97
10) Methyl Iodide	4.422	142	139610	15.899	ug/l	99
11) Tert butyl alcohol	5.363	59	157710	96.425	ug/l	99
12) 1,1-Dichloroethene	4.181	96	106792	17.535	ug/l	94
13) Acrolein	4.040	56	80253	46.358	ug/l	98
14) Allyl chloride	4.840	41	235337	17.767	ug/l #	85
15) Acrylonitrile	5.551	53	466830	96.125	ug/l	99
16) Acetone	4.281	43	394650	97.419	ug/l	99
17) Carbon Disulfide	4.528	76	264091	15.232	ug/l	100
18) Methyl Acetate	4.851	43	230358	21.444	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	427265	18.686	ug/l	96
20) Methylene Chloride	5.093	84	132763	18.176	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	114736	17.224	ug/l	94
22) Diisopropyl ether	6.493	45	483377	18.523	ug/l	93
23) Vinyl Acetate	6.428	43	2072135	93.794	ug/l	99
24) 1,1-Dichloroethane	6.381	63	248959	18.054	ug/l	98
25) 2-Butanone	7.334	43	642345	98.432	ug/l	94
26) 2,2-Dichloropropane	7.322	77	198745	18.682	ug/l	96
27) cis-1,2-Dichloroethene	7.328	96	144426	18.267	ug/l	91
28) Bromochloromethane	7.651	49	99140	16.145	ug/l #	82
29) Tetrahydrofuran	7.681	42	438342	96.959	ug/l	92
30) Chloroform	7.816	83	242858	18.466	ug/l	99
31) Cyclohexane	8.092	56	230114	17.308	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	210624	18.801	ug/l	98
36) 1,1-Dichloropropene	8.222	75	172582	16.925	ug/l	97
37) Ethyl Acetate	7.404	43	261486	18.633	ug/l	98
38) Carbon Tetrachloride	8.204	117	172899	17.530	ug/l	98
39) Methylcyclohexane	9.457	83	199064	16.594	ug/l	91
40) Benzene	8.457	78	545312	17.749	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	127480	18.562	ug/l	87
42) 1,2-Dichloroethane	8.528	62	200551	18.758	ug/l	100
43) Isopropyl Acetate	8.557	43	414445	19.748	ug/l #	92
44) Trichloroethene	9.210	130	127483	17.586	ug/l	100
45) 1,2-Dichloropropane	9.486	63	148291	17.980	ug/l	99
46) Dibromomethane	9.575	93	94186	18.554	ug/l	96
47) Bromodichloromethane	9.757	83	189263	18.449	ug/l	99
48) Methyl methacrylate	9.557	41	169378	17.416	ug/l #	88
49) 1,4-Dioxane	9.563	88	68415	404.707	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	1258610	96.637	ug/l	100
52) Toluene	10.504	92	338806	17.909	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	202081	17.870	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	221325	17.912	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	136130	17.957	ug/l	99
56) Ethyl methacrylate	10.757	69	221333	17.878	ug/l	90
57) 1,3-Dichloropropane	11.039	76	246038	18.081	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	271414	120.584	ug/l	95
59) 2-Hexanone	11.080	43	912694	102.706	ug/l	100
60) Dibromochloromethane	11.233	129	139292	18.492	ug/l	99
61) 1,2-Dibromoethane	11.345	107	135853	17.534	ug/l	100
64) Tetrachloroethene	10.975	164	111097	18.140	ug/l	99
65) Chlorobenzene	11.769	112	347753	18.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	131568	19.026	ug/l	99
67) Ethyl Benzene	11.839	91	624938	18.742	ug/l	94
68) m/p-Xylenes	11.951	106	466916	38.277	ug/l	98
69) o-Xylene	12.280	106	229557	18.774	ug/l	96
70) Styrene	12.292	104	363403	19.200	ug/l	97
71) Bromoform	12.457	173	101210	19.273	ug/l #	99
73) Isopropylbenzene	12.574	105	589355	18.063	ug/l	100
74) N-amyl acetate	12.386	43	237425	19.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	219773	21.191	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	173979m	19.486	ug/l	
77) Bromobenzene	12.857	156	137486	18.071	ug/l	78
78) n-propylbenzene	12.916	91	636344	18.175	ug/l	98
79) 2-Chlorotoluene	13.004	91	405552	18.045	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	473161	18.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	62528	19.970	ug/l	97
82) 4-Chlorotoluene	13.104	91	380503	19.007	ug/l	93
83) tert-Butylbenzene	13.321	119	422268	18.640	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	462335	19.015	ug/l	100
85) sec-Butylbenzene	13.498	105	558459	18.547	ug/l	99
86) p-Isopropyltoluene	13.610	119	445450	18.811	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	227425	18.397	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	216907	17.950	ug/l	96
89) n-Butylbenzene	13.939	91	321520	17.360	ug/l	96
90) Hexachloroethane	14.210	117	86595	18.389	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	222946	18.759	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39379	20.743	ug/l	84
93) 1,2,4-Trichlorobenzene	15.257	180	90303	18.296	ug/l	98
94) Hexachlorobutadiene	15.368	225	61163	18.332	ug/l	97
95) Naphthalene	15.504	128	244148	19.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	87742	18.342	ug/l	97

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

