

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071930.D
 Acq On : 11 Apr 2022 12:52
 Operator : JC\MD
 Sample : VN0411MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 11 13:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	536221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	835694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	743451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	291977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	301473	49.248	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.500%		
35) Dibromofluoromethane	8.016	113	262176	53.314	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.620%		
50) Toluene-d8	10.433	98	1039715	51.684	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.360%		
62) 4-Bromofluorobenzene	12.727	95	328154	50.438	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	66741	15.656	ug/l	98
3) Chloromethane	2.305	50	77868	14.415	ug/l	99
4) Vinyl Chloride	2.446	62	86947	14.657	ug/l	99
5) Bromomethane	2.846	94	62279	16.150	ug/l	98
6) Chloroethane	3.010	64	85145	19.951	ug/l	98
7) Trichlorofluoromethane	3.375	101	126717	16.789	ug/l	98
8) Diethyl Ether	3.828	74	59051	18.513	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	82271	17.689	ug/l	98
10) Methyl Iodide	4.422	142	100167	15.407	ug/l	98
11) Tert butyl alcohol	5.363	59	87128	87.704	ug/l	98
12) 1,1-Dichloroethene	4.181	96	75790	17.124	ug/l	92
13) Acrolein	4.040	56	86770	71.634	ug/l	97
14) Allyl chloride	4.846	41	120621	16.791	ug/l	93
15) Acrylonitrile	5.551	53	288360	99.862	ug/l	97
16) Acetone	4.287	43	214172	81.865	ug/l	94
17) Carbon Disulfide	4.534	76	139717	13.758	ug/l	99
18) Methyl Acetate	4.851	43	118541	17.308	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	311911	18.969	ug/l	98
20) Methylene Chloride	5.093	84	99650	18.072	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	82676	17.016	ug/l	90
22) Diisopropyl ether	6.487	45	293392	18.760	ug/l	99
23) Vinyl Acetate	6.428	43	1164127	93.606	ug/l	100
24) 1,1-Dichloroethane	6.387	63	170835	18.608	ug/l	97
25) 2-Butanone	7.328	43	342800	90.892	ug/l	96
26) 2,2-Dichloropropane	7.322	77	139929	17.742	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	109880	18.442	ug/l	96
28) Bromochloromethane	7.651	49	70599	19.063	ug/l	99
29) Tetrahydrofuran	7.681	42	231203	94.674	ug/l	97
30) Chloroform	7.816	83	184672	19.050	ug/l	93
31) Cyclohexane	8.092	56	135493	16.275	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	151699	18.292	ug/l	96
36) 1,1-Dichloropropene	8.216	75	117732	17.144	ug/l	100
37) Ethyl Acetate	7.404	43	140341	18.671	ug/l	98
38) Carbon Tetrachloride	8.204	117	123377	18.332	ug/l	97
39) Methylcyclohexane	9.457	83	135314	16.553	ug/l	98
40) Benzene	8.451	78	401965	18.530	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	72573	19.719	ug/l	92
42) 1,2-Dichloroethane	8.528	62	130393	17.376	ug/l	96
43) Isopropyl Acetate	8.557	43	209747	16.777	ug/l	96
44) Trichloroethene	9.210	130	103658	18.547	ug/l	100
45) 1,2-Dichloropropane	9.486	63	104841	19.346	ug/l	97
46) Dibromomethane	9.575	93	67906	18.455	ug/l	96
47) Bromodichloromethane	9.757	83	142049	19.612	ug/l	99
48) Methyl methacrylate	9.551	41	95643	18.439	ug/l	92
49) 1,4-Dioxane	9.563	88	44009	348.646	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	686557	95.514	ug/l	96
52) Toluene	10.498	92	255901	18.661	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	142697	18.798	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	158431	18.889	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	111463	19.750	ug/l	97
56) Ethyl methacrylate	10.757	69	156692	19.462	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	181472	19.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	163773	78.556	ug/l	99
59) 2-Hexanone	11.080	43	481135	95.072	ug/l	96
60) Dibromochloromethane	11.233	129	111091	20.188	ug/l	100
61) 1,2-Dibromoethane	11.339	107	106155	19.108	ug/l	99
64) Tetrachloroethene	10.969	164	90190	18.371	ug/l	92
65) Chlorobenzene	11.763	112	279107	18.749	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	105791	19.694	ug/l	99
67) Ethyl Benzene	11.839	91	464731	18.441	ug/l	98
68) m/p-Xylenes	11.951	106	360859	37.268	ug/l	99
69) o-Xylene	12.274	106	185465	19.298	ug/l	96
70) Styrene	12.292	104	286588	19.681	ug/l	98
71) Bromoform	12.451	173	84786	20.726	ug/l #	100
73) Isopropylbenzene	12.574	105	460352	18.710	ug/l	98
74) N-amyl acetate	12.386	43	122810	17.421	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	167401	20.392	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	141040m	20.852	ug/l	
77) Bromobenzene	12.857	156	114096	18.498	ug/l	97
78) n-propylbenzene	12.916	91	482992	18.662	ug/l	100
79) 2-Chlorotoluene	13.004	91	314047	18.921	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	374288	19.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	40198	18.417	ug/l	97
82) 4-Chlorotoluene	13.098	91	286360	18.613	ug/l	99
83) tert-Butylbenzene	13.316	119	346808	19.462	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	361444	19.003	ug/l	100
85) sec-Butylbenzene	13.498	105	443326	19.192	ug/l	99
86) p-Isopropyltoluene	13.610	119	353635	19.200	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	183646	18.689	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	179807	18.756	ug/l	99
89) n-Butylbenzene	13.939	91	238131	17.432	ug/l	99
90) Hexachloroethane	14.204	117	64802	19.220	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	184688	19.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	25903	20.342	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	73720	17.289	ug/l	99
94) Hexachlorobutadiene	15.363	225	52329	18.393	ug/l	99
95) Naphthalene	15.498	128	185416	16.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	75090	18.290	ug/l	99

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

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