

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070924.D
 Acq On : 3 Feb 2022 12:35
 Operator : JC/MD
 Sample : VN0203MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 04 04:41:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	743286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1182967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1082153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	465909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	489455	48.648	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.300%
35) Dibromofluoromethane	8.019	113	359952	50.793	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.580%
50) Toluene-d8	10.440	98	1471085	50.558	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.731	95	518634	49.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	170553	20.680	ug/l	100
3) Chloromethane	2.301	50	170420	16.360	ug/l	99
4) Vinyl Chloride	2.445	62	128782	14.799	ug/l	98
5) Bromomethane	2.858	94	90304	20.289	ug/l	100
6) Chloroethane	3.019	64	82518	20.909	ug/l	97
7) Trichlorofluoromethane	3.376	101	203054	20.895	ug/l	95
8) Diethyl Ether	3.824	74	72911	12.937	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	153453	20.928	ug/l	96
10) Methyl Iodide	4.417	142	200212	18.505	ug/l	99
11) Tert butyl alcohol	5.379	59	202622	95.842	ug/l	98
12) 1,1-Dichloroethene	4.178	96	150074	20.035	ug/l	95
13) Acrolein	4.038	56	205346	88.224	ug/l	100
14) Allyl chloride	4.838	41	339537	19.898	ug/l #	84
15) Acrylonitrile	5.556	53	588977	99.761	ug/l	99
16) Acetone	4.288	43	594874	98.881	ug/l	98
17) Carbon Disulfide	4.527	76	449313	19.314	ug/l	99
18) Methyl Acetate	4.856	43	277549	19.955	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	574838	20.100	ug/l	95
20) Methylene Chloride	5.093	84	177675	19.448	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	157221	19.686	ug/l	87
22) Diisopropyl ether	6.498	45	683309	20.673	ug/l	93
23) Vinyl Acetate	6.433	43	2972201	101.664	ug/l	95
24) 1,1-Dichloroethane	6.385	63	330702	19.871	ug/l	98
25) 2-Butanone	7.337	43	860151	99.052	ug/l	93
26) 2,2-Dichloropropane	7.324	77	258030	19.742	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	185125	19.626	ug/l	86
28) Bromochloromethane	7.659	49	145077	19.977	ug/l #	78
29) Tetrahydrofuran	7.689	42	571003	101.231	ug/l	88
30) Chloroform	7.817	83	319907	20.206	ug/l	100
31) Cyclohexane	8.094	56	343164	20.075	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	267296	20.001	ug/l	98
36) 1,1-Dichloropropene	8.222	75	240389	20.880	ug/l	96
37) Ethyl Acetate	7.412	43	334686	21.093	ug/l	97
38) Carbon Tetrachloride	8.206	117	218710	20.802	ug/l	98
39) Methylcyclohexane	9.459	83	301564	21.308	ug/l	87
40) Benzene	8.458	78	739856	20.455	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	165723	20.787	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	255348	20.738	ug/l	99
43) Isopropyl Acetate	8.563	43	512266	19.205	ug/l #	95
44) Trichloroethene	9.217	130	171198	20.455	ug/l	91
45) 1,2-Dichloropropane	9.491	63	203419	21.003	ug/l	99
46) Dibromomethane	9.577	93	121434	20.929	ug/l	95
47) Bromodichloromethane	9.762	83	243871	20.867	ug/l	98
48) Methyl methacrylate	9.561	41	229085	19.920	ug/l #	83
49) 1,4-Dioxane	9.569	88	81841	424.807	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	1642706	104.629	ug/l	98
52) Toluene	10.505	92	456196	20.356	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	265484	20.128	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	294361	20.520	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	174131	20.459	ug/l	98
56) Ethyl methacrylate	10.762	69	295437	19.929	ug/l	89
57) 1,3-Dichloropropane	11.044	76	309703	20.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	275370	82.859	ug/l	91
59) 2-Hexanone	11.084	43	1178868	102.841	ug/l	96
60) Dibromochloromethane	11.237	129	171399	20.304	ug/l	99
61) 1,2-Dibromoethane	11.344	107	179096	20.460	ug/l	99
64) Tetrachloroethene	10.977	164	155436	21.945	ug/l	94
65) Chlorobenzene	11.771	112	456992	20.177	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	163682	20.706	ug/l	99
67) Ethyl Benzene	11.846	91	854750	20.702	ug/l	96
68) m/p-Xylenes	11.953	106	641784	41.952	ug/l	93
69) o-Xylene	12.280	106	312245	20.394	ug/l	94
70) Styrene	12.294	104	508422	21.070	ug/l	96
71) Bromoform	12.457	173	128582	19.700	ug/l #	98
73) Isopropylbenzene	12.578	105	813499	20.012	ug/l	98
74) N-amyl acetate	12.387	43	343342	18.859	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	278124	19.753	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	213042m	18.997	ug/l	
77) Bromobenzene	12.859	156	187111	19.201	ug/l	77
78) n-propylbenzene	12.921	91	945126	20.387	ug/l	96
79) 2-Chlorotoluene	13.007	91	575334	19.959	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	674221	20.460	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	79307	19.169	ug/l	95
82) 4-Chlorotoluene	13.104	91	565943	20.370	ug/l	91
83) tert-Butylbenzene	13.323	119	568909	19.796	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	659117	20.454	ug/l	96
85) sec-Butylbenzene	13.500	105	820461	20.406	ug/l	97
86) p-Isopropyltoluene	13.616	119	656844	20.716	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	329541	20.329	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	315210	19.439	ug/l	95
89) n-Butylbenzene	13.943	91	550933	19.717	ug/l	97
90) Hexachloroethane	14.209	117	110540	19.672	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	314191	20.204	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	49754	19.500	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	158194	18.383	ug/l	97
94) Hexachlorobutadiene	15.370	225	106518	20.509	ug/l	98
95) Naphthalene	15.507	128	380964	18.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	151270	19.505	ug/l	99

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

