

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070937.D
 Acq On : 3 Feb 2022 18:16
 Operator : JC/MD
 Sample : VN0203MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 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 04:44:35 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	798402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1334850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1206818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	504387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	530017	49.043	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.080%		
35) Dibromofluoromethane	8.021	113	389507	48.710	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.420%		
50) Toluene-d8	10.440	98	1591299	48.467	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.940%		
62) 4-Bromofluorobenzene	12.731	95	562256	47.527	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	158595	17.903	ug/l	98
3) Chloromethane	2.303	50	156009	13.943	ug/l	99
4) Vinyl Chloride	2.445	62	136349	14.587	ug/l	100
5) Bromomethane	2.848	94	91016	19.037	ug/l	99
6) Chloroethane	3.017	64	88456	20.866	ug/l	97
7) Trichlorofluoromethane	3.373	101	202621	19.411	ug/l	97
8) Diethyl Ether	3.824	74	78193	12.916	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.205	101	111261	14.126	ug/l	97
10) Methyl Iodide	4.417	142	175020	15.060	ug/l	99
11) Tert butyl alcohol	5.385	59	227961	100.384	ug/l	98
12) 1,1-Dichloroethene	4.178	96	113216	14.071	ug/l	89
13) Acrolein	4.039	56	154911	61.961	ug/l	98
14) Allyl chloride	4.838	41	344265	18.782	ug/l	84
15) Acrylonitrile	5.557	53	636232	100.325	ug/l	99
16) Acetone	4.293	43	438809	67.905	ug/l	97
17) Carbon Disulfide	4.524	76	422706	16.916	ug/l	99
18) Methyl Acetate	4.859	43	299140	20.024	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	598144	19.471	ug/l	96
20) Methylene Chloride	5.093	84	181533	18.499	ug/l	90
21) trans-1,2-Dichloroethene	5.597	96	161269	18.799	ug/l	86
22) Diisopropyl ether	6.501	45	702155	19.777	ug/l	90
23) Vinyl Acetate	6.436	43	3049048	97.092	ug/l	95
24) 1,1-Dichloroethane	6.385	63	338732	18.948	ug/l	98
25) 2-Butanone	7.340	43	921550	98.796	ug/l	92
26) 2,2-Dichloropropane	7.327	77	235767	16.793	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	188480	18.603	ug/l	88
28) Bromochloromethane	7.659	49	164043	21.029	ug/l #	77
29) Tetrahydrofuran	7.689	42	637612	105.236	ug/l	87
30) Chloroform	7.820	83	319233	18.771	ug/l	97
31) Cyclohexane	8.094	56	337579	18.385	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	268895	18.732	ug/l	98
36) 1,1-Dichloropropene	8.220	75	241783	18.612	ug/l	96
37) Ethyl Acetate	7.415	43	359934	20.103	ug/l	97
38) Carbon Tetrachloride	8.204	117	214169	18.053	ug/l	99
39) Methylcyclohexane	9.459	83	287030	17.973	ug/l	89
40) Benzene	8.461	78	754256	18.481	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	175228	19.479	ug/l	89
42) 1,2-Dichloroethane	8.531	62	261400	18.814	ug/l	100
43) Isopropyl Acetate	8.563	43	549246	18.248	ug/l #	95
44) Trichloroethene	9.215	130	172178	18.232	ug/l	88
45) 1,2-Dichloropropane	9.491	63	204953	18.753	ug/l	99
46) Dibromomethane	9.579	93	123118	18.805	ug/l	95
47) Bromodichloromethane	9.762	83	239397	18.153	ug/l	99
48) Methyl methacrylate	9.561	41	258745	19.939	ug/l #	81
49) 1,4-Dioxane	9.571	88	89227	410.447	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	1810043	102.169	ug/l	98
52) Toluene	10.505	92	462017	18.270	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	263341	17.694	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	290817	17.966	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	178100	18.545	ug/l	97
56) Ethyl methacrylate	10.762	69	318150	19.020	ug/l	90
57) 1,3-Dichloropropane	11.044	76	318354	18.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	409358	102.923	ug/l	91
59) 2-Hexanone	11.087	43	1315664	101.716	ug/l	97
60) Dibromochloromethane	11.240	129	169652	17.810	ug/l	100
61) 1,2-Dibromoethane	11.347	107	183439	18.572	ug/l	100
64) Tetrachloroethene	10.977	164	149654	18.946	ug/l	94
65) Chlorobenzene	11.771	112	465821	18.442	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	163020	18.492	ug/l	99
67) Ethyl Benzene	11.843	91	878559	19.081	ug/l	96
68) m/p-Xylenes	11.953	106	645210	37.819	ug/l	92
69) o-Xylene	12.280	106	322272	18.874	ug/l	94
70) Styrene	12.294	104	517874	19.244	ug/l	97
71) Bromoform	12.457	173	126201	17.338	ug/l #	99
73) Isopropylbenzene	12.578	105	831354	18.891	ug/l	98
74) N-amyl acetate	12.387	43	374782	19.016	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	290776	19.076	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	241685m	19.907	ug/l	
77) Bromobenzene	12.860	156	191066	18.111	ug/l	77
78) n-propylbenzene	12.919	91	948476	18.899	ug/l	96
79) 2-Chlorotoluene	13.007	91	583065	18.684	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	682431	19.130	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	77368	17.274	ug/l	99
82) 4-Chlorotoluene	13.104	91	557508	18.536	ug/l	92
83) tert-Butylbenzene	13.324	119	584668	18.792	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	672121	19.266	ug/l	98
85) sec-Butylbenzene	13.501	105	823266	18.913	ug/l	96
86) p-Isopropyltoluene	13.616	119	653580	19.041	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	323479	18.433	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	313017	17.832	ug/l	96
89) n-Butylbenzene	13.943	91	558226	18.454	ug/l	97
90) Hexachloroethane	14.209	117	106283	17.471	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	310929	18.469	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	54370	19.684	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	162335	17.425	ug/l	99
94) Hexachlorobutadiene	15.370	225	100224	17.825	ug/l	99
95) Naphthalene	15.504	128	485970	20.616	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	157757	18.852	ug/l	97

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

