

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070209.D
 Acq On : 18 Dec 2021 13:28
 Operator : JC/MD
 Sample : VN1218MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/24/2021

Quant Time: Dec 19 08:43:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	930612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1478071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1337571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	583500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	693768	48.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.56%		
35) Dibromofluoromethane	8.021	113	482877	52.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.32%		
50) Toluene-d8	10.440	98	1863551	50.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.26%		
62) 4-Bromofluorobenzene	12.731	95	695785	51.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.32%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	175638	16.18	ug/l	97
3) Chloromethane	2.303	50	231173	17.00	ug/l	100
4) Vinyl Chloride	2.448	62	206969	16.55	ug/l	96
5) Bromomethane	2.867	94	125583	18.49	ug/l	96
6) Chloroethane	3.025	64	128838	16.82	ug/l	98
7) Trichlorofluoromethane	3.379	101	272979	16.63	ug/l	98
8) Diethyl Ether	3.824	74	122722	19.42	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	178198	19.37	ug/l	96
10) Methyl Iodide	4.419	142	172211	13.70	ug/l	99
11) Tert butyl alcohol	5.380	59	230097	84.72	ug/l	99
12) 1,1-Dichloroethene	4.183	96	160763	18.14	ug/l	91
13) Acrolein	4.041	56	204377	88.36	ug/l	97
14) Allyl chloride	4.838	41	379234	18.99	ug/l #	90
15) Acrylonitrile	5.557	53	682097	93.20	ug/l	100
16) Acetone	4.288	43	846700	97.96	ug/l	98
17) Carbon Disulfide	4.529	76	350709	15.31	ug/l	100
18) Methyl Acetate	4.859	43	474204	18.18	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	667632	19.37	ug/l	97
20) Methylene Chloride	5.095	84	207345	18.05	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	168344	17.48	ug/l	87
22) Diisopropyl ether	6.498	45	813695	20.84	ug/l #	94
23) Vinyl Acetate	6.436	43	3120311	98.24	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	394854	19.52	ug/l	98
25) 2-Butanone	7.337	43	1074110	91.46	ug/l #	89
26) 2,2-Dichloropropane	7.327	77	308741	19.63	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	215673	18.54	ug/l	84
28) Bromochloromethane	7.659	49	214220	20.37	ug/l #	76
29) Tetrahydrofuran	7.689	42	658578	92.35	ug/l	87
30) Chloroform	7.817	83	396460	19.41	ug/l	99
31) Cyclohexane	8.094	56	360869	18.05	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	320880	18.44	ug/l	96
36) 1,1-Dichloropropene	8.220	75	270171	19.20	ug/l	96
37) Ethyl Acetate	7.415	43	408466	19.50	ug/l	95
38) Carbon Tetrachloride	8.206	117	261320	18.94	ug/l	99
39) Methylcyclohexane	9.459	83	317620	18.98	ug/l #	87
40) Benzene	8.461	78	846282	19.68	ug/l	98

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41) Methacrylonitrile	7.638	41	202544	20.60	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	336614	19.39	ug/l	97
43) Isopropyl Acetate	8.560	43	613531	19.80	ug/l #	93
44) Trichloroethene	9.215	130	195584	19.05	ug/l	90
45) 1,2-Dichloropropane	9.491	63	238533	20.65	ug/l	98
46) Dibromomethane	9.577	93	146979	19.40	ug/l	94
47) Bromodichloromethane	9.762	83	288992	20.15	ug/l	98
48) Methyl methacrylate	9.561	41	282525	19.53	ug/l	86
49) 1,4-Dioxane	9.571	88	87932	338.84	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	2052346	102.08	ug/l	95
52) Toluene	10.505	92	518654	19.75	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	297408	19.07	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	333879	19.70	ug/l	91
55) 1,1,2-Trichloroethane	10.896	97	212108	20.02	ug/l	98
56) Ethyl methacrylate	10.760	69	352236	19.10	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	380094	20.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	509678	105.86	ug/l	90
59) 2-Hexanone	11.087	43	1554471	102.21	ug/l	93
60) Dibromochloromethane	11.237	129	197223	18.92	ug/l	100
61) 1,2-Dibromoethane	11.347	107	207989	18.95	ug/l	99
64) Tetrachloroethene	10.977	164	175156	19.31	ug/l	92
65) Chlorobenzene	11.771	112	546983	20.16	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	193986	20.31	ug/l	100
67) Ethyl Benzene	11.843	91	1020348	20.70	ug/l	96
68) m/p-Xylenes	11.953	106	748749	41.72	ug/l	92
69) o-Xylene	12.280	106	368862	20.40	ug/l	91
70) Styrene	12.294	104	602566	21.02	ug/l	95
71) Bromoform	12.457	173	138219	18.73	ug/l #	99
73) Isopropylbenzene	12.578	105	986497	19.00	ug/l	98
74) N-amyl acetate	12.390	43	433889	18.90	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	340925	18.99	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	295581m	17.66	ug/l	
77) Bromobenzene	12.862	156	226273	18.56	ug/l	77
78) n-propylbenzene	12.919	91	1127675	19.52	ug/l	96
79) 2-Chlorotoluene	13.007	91	703963	19.28	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	810103	19.39	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	79642	18.37	ug/l	89
82) 4-Chlorotoluene	13.106	91	672506	19.59	ug/l	92
83) tert-Butylbenzene	13.324	119	709790	19.18	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	790028	19.85	ug/l	98
85) sec-Butylbenzene	13.501	105	982513	19.58	ug/l	97
86) p-Isopropyltoluene	13.616	119	772150	19.68	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	388289	19.38	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	378261	19.21	ug/l	96
89) n-Butylbenzene	13.943	91	627267	19.71	ug/l	98
90) Hexachloroethane	14.211	117	120259	17.46	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	387709	19.86	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59918	18.47	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	187634	21.35	ug/l	98
94) Hexachlorobutadiene	15.370	225	112921	21.83	ug/l	98
95) Naphthalene	15.507	128	551089	21.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	193826	22.20	ug/l	97

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

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