

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070084.D
 Acq On : 14 Dec 2021 20:57
 Operator : JC/MD
 Sample : VN1214MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBSD01

Manual Integrations
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Reviewed By :John
 Carlone

Quant Time: Dec 15 05:23:07 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	1007867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1684159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1529229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	627856	50.000	ug/l	0.00

12/15/2021
 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	733588	47.141	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.280%
35) Dibromofluoromethane	8.021	113	484048	45.885	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.760%
50) Toluene-d8	10.440	98	1938366	45.761	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.731	95	673770	43.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.820%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	199048	16.933	ug/l	100
3) Chloromethane	2.303	50	256227	17.398	ug/l	100
4) Vinyl Chloride	2.445	62	231311	17.081	ug/l	96
5) Bromomethane	2.856	94	131402	17.861	ug/l	99
6) Chloroethane	3.019	64	140733	16.960	ug/l	97
7) Trichlorofluoromethane	3.373	101	294458	16.568	ug/l	99
8) Diethyl Ether	3.824	74	129241	18.881	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	181667	18.235	ug/l	97
10) Methyl Iodide	4.419	142	231449	17.006	ug/l	98
11) Tert butyl alcohol	5.382	59	254092	86.382	ug/l #	84
12) 1,1-Dichloroethene	4.178	96	167020	17.397	ug/l	86
13) Acrolein	4.041	56	179482	71.651	ug/l	99
14) Allyl chloride	4.840	41	385425	17.817	ug/l #	89
15) Acrylonitrile	5.557	53	747590	94.318	ug/l	99
16) Acetone	4.288	43	744721	79.556	ug/l	97
17) Carbon Disulfide	4.527	76	330371	13.320	ug/l	99
18) Methyl Acetate	4.859	43	549960	19.464	ug/l #	90
19) Methyl tert-butyl Ether	5.616	73	700907	18.777	ug/l	96
20) Methylene Chloride	5.093	84	218693	17.574	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	180247	17.286	ug/l	86
22) Diisopropyl ether	6.501	45	852932	20.172	ug/l #	93
23) Vinyl Acetate	6.436	43	3244582	94.320	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	417582	19.065	ug/l	98
25) 2-Butanone	7.337	43	1116666	87.797	ug/l	90
26) 2,2-Dichloropropane	7.324	77	275465	16.175	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	223246	17.720	ug/l	84
28) Bromochloromethane	7.657	49	207528	18.220	ug/l #	76
29) Tetrahydrofuran	7.689	42	732082	94.791	ug/l #	86
30) Chloroform	7.820	83	415506	18.784	ug/l	99
31) Cyclohexane	8.096	56	395177	18.248	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	329281	17.475	ug/l	95
36) 1,1-Dichloropropene	8.222	75	287061	17.905	ug/l	95
37) Ethyl Acetate	7.415	43	430199	18.028	ug/l	94
38) Carbon Tetrachloride	8.206	117	253851	16.146	ug/l	96
39) Methylcyclohexane	9.459	83	328401	17.220	ug/l	88
40) Benzene	8.461	78	908661	18.542	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.638	41	228735	20.419	ug/l	#	83
42) 1,2-Dichloroethane	8.531	62	366244	18.513	ug/l		96
43) Isopropyl Acetate	8.563	43	669792	18.967	ug/l	#	93
44) Trichloroethene	9.215	130	203835	17.427	ug/l		90
45) 1,2-Dichloropropane	9.491	63	249963	18.994	ug/l		100
46) Dibromomethane	9.577	93	154912	17.949	ug/l		93
47) Bromodichloromethane	9.762	83	286198	17.514	ug/l		99
48) Methyl methacrylate	9.561	41	303426	18.412	ug/l		86
49) 1,4-Dioxane	9.571	88	103865	351.258	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.330	43	2208091	96.388	ug/l		95
52) Toluene	10.505	92	547820	18.310	ug/l		99
53) t-1,3-Dichloropropene	10.719	75	286506	16.555	ug/l		99
54) cis-1,3-Dichloropropene	10.191	75	327701	17.249	ug/l	#	89
55) 1,1,2-Trichloroethane	10.899	97	223735	18.534	ug/l		97
56) Ethyl methacrylate	10.762	69	365915	17.612	ug/l	#	87
57) 1,3-Dichloropropane	11.044	76	397009	18.678	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.041	63	430394	83.214	ug/l		90
59) 2-Hexanone	11.087	43	1570313	90.615	ug/l		92
60) Dibromochloromethane	11.237	129	187253	16.166	ug/l		99
61) 1,2-Dibromoethane	11.347	107	215994	17.275	ug/l		100
64) Tetrachloroethene	10.977	164	174867	16.864	ug/l		95
65) Chlorobenzene	11.771	112	567692	18.299	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.840	131	191650	17.551	ug/l		98
67) Ethyl Benzene	11.846	91	1048535	18.606	ug/l		96
68) m/p-Xylenes	11.953	106	754915	36.791	ug/l		91
69) o-Xylene	12.280	106	384595	18.608	ug/l		92
70) Styrene	12.294	104	610125	18.617	ug/l		95
71) Bromoform	12.457	173	127828	15.671	ug/l	#	99
73) Isopropylbenzene	12.578	105	1000916	17.918	ug/l		97
74) N-amyl acetate	12.388	43	436349	17.663	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.825	83	361766	18.728	ug/l		98
76) 1,2,3-Trichloropropane	12.881	75	340921m	18.934	ug/l		
77) Bromobenzene	12.860	156	230550	17.571	ug/l		76
78) n-propylbenzene	12.921	91	1102744	17.740	ug/l		96
79) 2-Chlorotoluene	13.007	91	705596	17.964	ug/l		92
80) 1,3,5-Trimethylbenzene	13.058	105	809999	18.015	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.626	75	70515	15.837	ug/l	#	78
82) 4-Chlorotoluene	13.104	91	663737	17.969	ug/l		92
83) tert-Butylbenzene	13.324	119	713057	17.910	ug/l		92
84) 1,2,4-Trimethylbenzene	13.366	105	784563	18.322	ug/l		97
85) sec-Butylbenzene	13.501	105	959708	17.772	ug/l		97
86) p-Isopropyltoluene	13.616	119	755411	17.896	ug/l		96
87) 1,3-Dichlorobenzene	13.616	146	383065	17.771	ug/l		97
88) 1,4-Dichlorobenzene	13.694	146	371407	17.533	ug/l		96
89) n-Butylbenzene	13.943	91	573107	16.737	ug/l		98
90) Hexachloroethane	14.209	117	109086	14.719	ug/l		88
91) 1,2-Dichlorobenzene	13.989	146	380868	18.134	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	54475	15.606	ug/l		75
93) 1,2,4-Trichlorobenzene	15.263	180	154427	17.006	ug/l		97
94) Hexachlorobutadiene	15.367	225	102483	18.412	ug/l		99
95) Naphthalene	15.507	128	404642	16.122	ug/l		100
96) 1,2,3-Trichlorobenzene	15.700	180	153408	16.972	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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