Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022198.D
Acq On : 19 Aug 2019 20:17
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:12 PM

Quant Time: Aug 20 01:56:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 01:26:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	35072	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	151126	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	96817	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	187347	20.00	ng		0.00
76) Chrysene-d12	21.20	240	183409	20.00	ng		0.00
87) Perylene-d12	23.40	264	181558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	237933	122.84	ng		0.00
7) Phenol-d6	6.77	99	324938	115.20	ng		0.00
23) Nitrobenzene-d5	8.75	82	383211	132.15	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	192937	106.20	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	962228	122.15	ng		0.00
79) Terphenyl-d14	19.63	244	1599994	162.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	49294	67.551	ng	#	90
3) Pyridine	3.56	79	131320	62.580	ng	#	89
4) n-Nitrosodimethylamine	3.49	42	81629	101.026	ng	#	60
6) Aniline	6.93	93	219286	58.372	ng		95
8) 2-Chlorophenol	7.14	128	143204	60.074	ng		93
9) Benzaldehyde	6.75	77	91285	61.177	ng		92
10) Phenol	6.79	94	170595	59.202	ng		81
11) bis(2-Chloroethyl)ether	7.02	93	133209	58.389	ng		95
12) 1,3-Dichlorobenzene	7.46	146	173065	59.925	ng	#	92
13) 1,4-Dichlorobenzene	7.60	146	176281	60.036	ng		97
14) 1,2-Dichlorobenzene	7.92	146	172842	60.066	ng		97
15) Benzyl Alcohol	7.83	79	144627	63.327	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	182918	61.987	ng		99
17) 2-Methylphenol	8.02	107	122406	59.469	ng	#	92
18) Hexachloroethane	8.62	117	77791	73.788	ng		93
19) n-Nitroso-di-n-propylamine	8.39	70	126584	61.670	ng	#	86
20) 3+4-Methylphenols	8.36	107	167005	58.945	ng		93
22) Acetophenone	8.41	105	240585	62.471	ng	#	90
24) Nitrobenzene	8.79	77	195528	68.070	ng		94
25) Isophorone	9.31	82	336806	62.076	ng		97
26) 2-Nitrophenol	9.49	139	83709	59.516	ng	#	75
27) 2,4-Dimethylphenol	9.55	122	123887	60.390	ng		93
28) bis(2-Chloroethoxy)methane	9.79	93	200025	59.328	ng		99
29) 2,4-Dichlorophenol	10.01	162	151384	57.019	ng		96
30) 1,2,4-Trichlorobenzene	10.21	180	184705	59.016	ng		99
31) Naphthalene	10.40	128	478472	59.827	ng		100
32) Benzoic acid	9.76	122	112415m	67.737	ng		
33) 4-Chloroaniline	10.53	127	206458	56.866	ng	#	94
34) Hexachlorobutadiene	10.65	225	160897	81.420	ng		99
35) Caprolactam	11.38	113	41981m	50.553	ng		
36) 4-Chloro-3-methylphenol	11.67	107	158833	58.791	ng		97
37) 2-Methylnaphthalene	12.02	142	348300	56.600	ng	#	93
38) 1-Methylnaphthalene	12.25	142	332158	56.591	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	229841	62.720	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	122570	57.698	ng		98
43) 2,4,6-Trichlorophenol	12.65	196	143156	59.037	ng		96
44) 2,4,5-Trichlorophenol	12.73	196	141440	56.326	ng	#	95
46) 1,1'-Biphenyl	13.05	154	466568	56.305	ng		98
47) 2-Chloronaphthalene	13.10	162	384467	57.126	ng		97
48) 2-Nitroaniline	13.33	65	123230	66.932	ng		84
49) Acenaphthylene	13.95	152	582680	56.893	ng		100
50) Dimethylphthalate	13.71	163	487921	56.683	ng		99
51) 2,6-Dinitrotoluene	13.84	165	98092	52.970	ng	#	67
52) Acenaphthene	14.30	154	340868	55.163	ng		98
53) 3-Nitroaniline	14.18	138	99465	52.685	ng		96
54) 2,4-Dinitrophenol	14.40	184	53636	53.919	ng	#	67
55) Dibenzofuran	14.63	168	566545	56.203	ng	#	90
56) 4-Nitrophenol	14.50	139	66199	45.855	ng	#	51
57) 2,4-Dinitrotoluene	14.64	165	142623	55.776	ng	#	67
58) Fluorene	15.29	166	475437	57.724	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	140680	58.635	ng	#	93
60) Diethylphthalate	15.07	149	511026	60.277	ng		97
61) 4-Chlorophenyl-phenylether	15.29	204	304158	65.368	ng		98
62) 4-Nitroaniline	15.36	138	91634	46.245	ng	#	54
63) Azobenzene	15.58	77	494629	71.127	ng		83
65) 4,6-Dinitro-2-methylphenol	15.42	198	73404	63.546	ng		90
66) n-Nitrosodiphenylamine	15.52	169	375946	63.664	ng		99
67) 4-Bromophenyl-phenylether	16.18	248	174373	69.916	ng	#	91
68) Hexachlorobenzene	16.29	284	200146	67.176	ng	#	87
69) Atrazine	16.47	200	129333	67.352	ng		98
70) Pentachlorophenol	16.64	266	98827	61.563	ng		98
71) Phenanthrene	17.03	178	667977	61.866	ng		99
72) Anthracene	17.13	178	659688	61.680	ng		99
73) Carbazole	17.42	167	549957	58.155	ng		98
74) Di-n-butylphthalate	17.96	149	823744	71.155	ng	#	98
75) Fluoranthene	19.06	202	785861	63.028	ng		99
77) Benzidine	19.27	184	238477	44.777	ng		99
78) Pyrene	19.43	202	796072	59.848	ng		99
80) Butylbenzylphthalate	20.33	149	353973	66.765	ng	#	86
81) Benzo(a)anthracene	21.19	228	797577	63.793	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	280051	59.139	ng		99
83) Chrysene	21.24	228	768443	64.519	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	532191	70.528	ng		94
85) Di-n-octyl phthalate	21.97	149	870083	73.319	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.61	276	867925	65.857	ng		96
88) Benzo(b)fluoranthene	22.74	252	741083m	60.504	ng		
89) Benzo(k)fluoranthene	22.79	252	734748	62.056	ng		99
90) Benzo(a)pyrene	23.30	252	675560	61.125	ng		99
91) Dibenzo(a,h)anthracene	25.61	278	730431	66.289	ng	#	98
92) Benzo(g,h,i)perylene	26.27	276	632259	61.531	ng		99

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

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