Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020544.D
Acq On : 24 May 2019 12:11
Operator : JU/SJ
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
5/27/2019 3:59:39 AM

Quant Time: May 24 15:40:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 15:10:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	51821	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	215423	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	158681	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	438097	20.00	ng		0.00
76) Chrysene-d12	21.27	240	534169	20.00	ng		0.00
87) Perylene-d12	23.51	264	600506	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	99556	31.40	ng		0.00
7) Phenol-d6	6.85	99	146454	33.82	ng		0.00
23) Nitrobenzene-d5	8.83	82	194167	35.58	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	122861	49.88	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	493614	38.27	ng		0.00
79) Terphenyl-d14	19.70	244	1159157	37.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	27752	17.849	ng	#	95
3) Pyridine	3.58	79	77611	19.517	ng		97
4) n-Nitrosodimethylamine	3.51	42	17027	13.353	ng	#	78
6) Aniline	7.00	93	110314	20.234	ng		98
8) 2-Chlorophenol	7.23	128	62639	18.146	ng		99
9) Benzaldehyde	6.82	77	58226	17.762	ng		98
10) Phenol	6.87	94	79244	16.996	ng		97
11) bis(2-Chloroethyl)ether	7.10	93	60356	17.810	ng		98
12) 1,3-Dichlorobenzene	7.55	146	82036	20.426	ng		98
13) 1,4-Dichlorobenzene	7.70	146	80769	19.907	ng		99
14) 1,2-Dichlorobenzene	8.01	146	81656	21.125	ng		99
15) Benzyl Alcohol	7.92	79	67433	16.147	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.18	45	45215	16.091	ng		96
17) 2-Methylphenol	8.12	107	52261	17.412	ng		97
18) Hexachloroethane	8.72	117	33243	19.650	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	68187	18.402	ng		97
20) 3+4-Methylphenols	8.45	107	71101	17.824	ng		96
22) Acetophenone	8.50	105	113683	19.309	ng		100
24) Nitrobenzene	8.87	77	97715	17.272	ng		94
25) Isophorone	9.39	82	189059	20.092	ng		98
26) 2-Nitrophenol	9.59	139	33800	19.789	ng		98
27) 2,4-Dimethylphenol	9.64	122	51771	18.206	ng		96
28) bis(2-Chloroethoxy)methane	9.88	93	96069	18.746	ng		98
29) 2,4-Dichlorophenol	10.12	162	68509	19.107	ng		96
30) 1,2,4-Trichlorobenzene	10.32	180	99094	22.460	ng		97
31) Naphthalene	10.50	128	219243	19.612	ng		99
32) Benzoic acid	9.77	122	21901	11.625	ng		99
33) 4-Chloroaniline	10.64	127	82622	17.957	ng		96
34) Hexachlorobutadiene	10.76	225	74126	23.750	ng		99
35) Caprolactam	11.43	113	23283m	21.716	ng		
36) 4-Chloro-3-methylphenol	11.77	107	75843	17.999	ng		95
37) 2-Methylnaphthalene	12.12	142	165868	20.352	ng		95
38) 1-Methylnaphthalene	12.35	142	162752	20.422	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	131078	21.114	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	39658	10.849 ng	98
43) 2,4,6-Trichlorophenol	12.75	196	76963	21.813 ng	97
44) 2,4,5-Trichlorophenol	12.83	196	68892	17.478 ng	92
46) 1,1'-Biphenyl	13.14	154	241136	18.462 ng	98
47) 2-Chloronaphthalene	13.19	162	201617	19.334 ng	97
48) 2-Nitroaniline	13.43	65	54213	14.603 ng	96
49) Acenaphthylene	14.04	152	309801	18.563 ng	100
50) Dimethylphthalate	13.79	163	278237	20.631 ng	99
51) 2,6-Dinitrotoluene	13.92	165	56340	19.834 ng	100
52) Acenaphthene	14.39	154	187317	19.572 ng	98
53) 3-Nitroaniline	14.26	138	43500	16.500 ng	91
54) 2,4-Dinitrophenol	14.48	184	20548	17.103 ng	90
55) Dibenzofuran	14.72	168	322135	19.955 ng	98
56) 4-Nitrophenol	14.59	139	23482	10.439 ng	97
57) 2,4-Dinitrotoluene	14.72	165	78710	20.392 ng	95
58) Fluorene	15.37	166	264568	19.955 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	86569	23.112 ng	98
60) Diethylphthalate	15.15	149	275474	20.274 ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	170956	22.758 ng	99
62) 4-Nitroaniline	15.44	138	45295m	15.568 ng	
63) Azobenzene	15.66	77	266776	16.643 ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	43405	21.113 ng	98
66) n-Nitrosodiphenylamine	15.59	169	233157	18.086 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	114905	21.389 ng	99
68) Hexachlorobenzene	16.37	284	140635	22.749 ng	98
69) Atrazine	16.54	200	100878	20.024 ng	99
70) Pentachlorophenol	16.73	266	66457	18.789 ng	96
71) Phenanthrene	17.12	178	467009	19.311 ng	100
72) Anthracene	17.21	178	442802	18.313 ng	100
73) Carbazole	17.49	167	381357	17.480 ng	98
74) Di-n-butylphthalate	18.03	149	465374	17.725 ng	99
75) Fluoranthene	19.14	202	639214	20.891 ng	99
77) Benzidine	19.34	184	196394	11.500 ng	98
78) Pyrene	19.50	202	661274	18.439 ng	100
80) Butylbenzylphthalate	20.40	149	223454	17.134 ng	98
81) Benzo(a)anthracene	21.26	228	721177	19.251 ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	269585	18.855 ng	100
83) Chrysene	21.31	228	706237	19.439 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	335088	16.558 ng	100
85) Di-n-octyl phthalate	22.04	149	579027	17.215 ng	100
86) Indeno(1,2,3-cd)pyrene	25.78	276	876818	20.290 ng	100
88) Benzo(b)fluoranthene	22.83	252	760986	19.191 ng	99
89) Benzo(k)fluoranthene	22.88	252	736118	20.350 ng	99
90) Benzo(a)pyrene	23.41	252	708257	19.663 ng	99
91) Dibenzo(a,h)anthracene	25.79	278	739341	19.738 ng	98
92) Benzo(g,h,i)perylene	26.47	276	705033	19.825 ng	99

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

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