Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026482.D
Acq On : 20 Jun 2020 01:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:49 PM

Quant Time: Jun 20 06:49:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:20:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	118518	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	522948	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	341526	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	757718	20.00	ng		0.00
76) Chrysene-d12	21.02	240	834852	20.00	ng		0.00
86) Perylene-d12	23.10	264	740175	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	548875	81.88	ng		0.00
7) Phenol-d6	6.59	99	823917	84.88	ng		0.00
23) Nitrobenzene-d5	8.53	82	915317	85.94	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	372009	89.92	ng		0.00
45) 2-Fluorobiphenyl	12.65	172	1945840	86.49	ng		0.00
79) Terphenyl-d14	19.46	244	3522503	81.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	128989	42.680	ng		95
3) Pyridine	3.38	79	352731	39.736	ng		95
4) n-Nitrosodimethylamine	3.30	42	196496	44.708	ng	#	86
6) Aniline	6.73	93	548685	43.095	ng		97
8) 2-Chlorophenol	6.96	128	325795	42.136	ng		97
9) Benzaldehyde	6.55	77	206732	33.401	ng		97
10) Phenol	6.62	94	435507	42.129	ng		96
11) bis(2-Chloroethyl)ether	6.83	93	354794	42.611	ng		95
12) 1,3-Dichlorobenzene	7.27	146	364452	42.574	ng		98
13) 1,4-Dichlorobenzene	7.42	146	369529	42.380	ng		100
14) 1,2-Dichlorobenzene	7.73	146	364658	42.813	ng		97
15) Benzyl Alcohol	7.64	79	354561	43.015	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	694963	44.692	ng		99
17) 2-Methylphenol	7.85	107	325679	43.106	ng		98
18) Hexachloroethane	8.44	117	145626	44.099	ng		96
19) n-Nitroso-di-n-propylamine	8.20	70	340267	44.984	ng		96
20) 3+4-Methylphenols	8.17	107	446141	43.324	ng		98
22) Acetophenone	8.20	105	580295	43.154	ng	#	95
24) Nitrobenzene	8.57	77	476357	42.725	ng		99
25) Isophorone	9.10	82	880339	43.997	ng		99
26) 2-Nitrophenol	9.28	139	189003	42.834	ng		91
27) 2,4-Dimethylphenol	9.36	122	296862	42.617	ng		94
28) bis(2-Chloroethoxy)methane	9.59	93	480946	42.366	ng		98
29) 2,4-Dichlorophenol	9.81	162	332871	43.553	ng		98
30) 1,2,4-Trichlorobenzene	10.02	180	362196	43.217	ng		98
31) Naphthalene	10.19	128	1105646	41.955	ng		100
32) Benzoic acid	9.55	122	225077	41.023	ng		99
33) 4-Chloroaniline	10.32	127	486275	42.307	ng		99
34) Hexachlorobutadiene	10.49	225	235635	44.536	ng		99
35) Caprolactam	11.12	113	120905	45.028	ng		90
36) 4-Chloro-3-methylphenol	11.46	107	404231	43.405	ng		99
37) 2-Methylnaphthalene	11.82	142	806469	42.945	ng		99
38) 1-Methylnaphthalene	12.05	142	769507	43.256	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	416232	42.814	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:20:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	218671	38.169 ng	99
43) 2,4,6-Trichlorophenol	12.46	196	284303	43.205 ng	97
44) 2,4,5-Trichlorophenol	12.53	196	329636	43.157 ng	98
46) 1,1'-Biphenyl	12.86	154	1018492	42.537 ng	99
47) 2-Chloronaphthalene	12.90	162	830030	42.678 ng	100
48) 2-Nitroaniline	13.12	65	334170	43.354 ng	97
49) Acenaphthylene	13.76	152	1330532	42.773 ng	99
50) Dimethylphthalate	13.53	163	1083124	43.359 ng	100
51) 2,6-Dinitrotoluene	13.64	165	238082	43.434 ng	98
52) Acenaphthene	14.11	154	799740	42.826 ng	98
53) 3-Nitroaniline	13.97	138	257649	42.210 ng	99
54) 2,4-Dinitrophenol	14.19	184	144196	43.283 ng	97
55) Dibenzofuran	14.45	168	1289299	42.850 ng	100
56) 4-Nitrophenol	14.30	139	197008	40.700 ng	96
57) 2,4-Dinitrotoluene	14.44	165	344542	45.206 ng	92
58) Fluorene	15.10	166	1066365	43.633 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.69	232	285770	43.741 ng	100
60) Diethylphthalate	14.90	149	1126245	44.264 ng	100
61) 4-Chlorophenyl-phenylether	15.11	204	574170	44.292 ng	100
62) 4-Nitroaniline	15.14	138	272088m	41.798 ng	
63) Azobenzene	15.40	77	1240853	44.573 ng	99
65) 4,6-Dinitro-2-methylphenol	15.21	198	203295	44.121 ng	98
66) n-Nitrosodiphenylamine	15.33	169	925297	42.154 ng	98
67) 4-Bromophenyl-phenylether	16.00	248	362860	43.502 ng	98
68) Hexachlorobenzene	16.12	284	374509	43.028 ng	97
69) Atrazine	16.30	200	282970	43.150 ng	99
70) Pentachlorophenol	16.46	266	220545	42.077 ng	100
71) Phenanthrene	16.84	178	1703897	43.182 ng	99
72) Anthracene	16.93	178	1706867	43.342 ng	100
73) Carbazole	17.22	167	1624446	43.498 ng	99
74) Di-n-butylphthalate	17.80	149	2030296	46.099 ng	99
75) Fluoranthene	18.87	202	2057636	45.484 ng	99
77) Benzidine	19.07	184	617758	35.624 ng	99
78) Pyrene	19.23	202	2131168	38.635 ng	99
80) Butylbenzylphthalate	20.17	149	971524	43.553 ng	99
81) Benzo(a)anthracene	21.00	228	2125986	42.425 ng	100
82) 3,3'-Dichlorobenzidine	20.94	252	704231	45.423 ng	99
83) Chrysene	21.05	228	2063016	43.201 ng	100
84) Bis(2-ethylhexyl)phthalate	20.96	149	1501300	47.201 ng	98
85) Di-n-octyl phthalate	21.80	149	2489447	50.737 ng	100
87) Indeno(1,2,3-cd)pyrene	25.14	276	1740540	40.651 ng	100
88) Benzo(b)fluoranthene	22.49	252	1947451	43.738 ng	99
89) Benzo(k)fluoranthene	22.53	252	1908932	44.129 ng	99
90) Benzo(a)pyrene	23.01	252	1711268	43.273 ng	99
91) Dibenzo(a,h)anthracene	25.14	278	1465687	41.004 ng	100
92) Benzo(g,h,i)perylene	25.76	276	1344905	39.539 ng	99

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

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