Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037446.D
Acq On : 19 Oct 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/22/2018 3:38:01 PM

Quant Time: Oct 19 23:35:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61616	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	275936	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	177446	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	423108	20.00	ng		0.00
76) Chrysene-d12	21.78	240	379723	20.00	ng		0.00
87) Perylene-d12	25.11	264	398514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	288184	78.19	ng		0.00
7) Phenol-d6	7.25	99	431779	77.48	ng		0.00
23) Nitrobenzene-d5	9.29	82	403459	81.91	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	157893	81.58	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	934667	79.43	ng		0.00
79) Terphenyl-d14	20.09	244	1389378	78.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	72081	38.566	ng		99
3) Pyridine	3.94	79	187114	39.721	ng		97
4) n-Nitrosodimethylamine	3.86	42	68042	40.552	ng	#	93
6) Aniline	7.44	93	264361	38.885	ng		98
8) 2-Chlorophenol	7.66	128	164632	38.185	ng		99
9) Benzaldehyde	7.25	77	130905	37.551	ng		95
10) Phenol	7.28	94	227380	38.670	ng		97
11) bis(2-Chloroethyl)ether	7.53	93	172280	38.577	ng		95
12) 1,3-Dichlorobenzene	7.99	146	183179	38.163	ng		98
13) 1,4-Dichlorobenzene	8.15	146	185100	37.700	ng		99
14) 1,2-Dichlorobenzene	8.46	146	179985	38.109	ng		98
15) Benzyl Alcohol	8.35	79	161853	39.306	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	316547	39.614	ng		98
17) 2-Methylphenol	8.54	107	149869	38.553	ng		96
18) Hexachloroethane	9.19	117	66698	39.847	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	149048	38.839	ng		96
20) 3+4-Methylphenols	8.87	107	215494	38.772	ng		99
22) Acetophenone	8.94	105	274314	39.639	ng		96
24) Nitrobenzene	9.33	77	208201	40.687	ng		98
25) Isophorone	9.85	82	366013	40.667	ng		97
26) 2-Nitrophenol	10.04	139	96168	41.717	ng		98
27) 2,4-Dimethylphenol	10.08	122	161310	39.192	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	236837	40.164	ng		95
29) 2,4-Dichlorophenol	10.57	162	183637	40.072	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	196463	39.422	ng		96
31) Naphthalene	10.98	128	531173	39.191	ng		99
32) Benzoic acid	10.20	122	133711m	50.016	ng		
33) 4-Chloroaniline	11.09	127	252205	39.604	ng		98
34) Hexachlorobutadiene	11.25	225	115727	39.181	ng		97
35) Caprolactam	11.88	113	74245	40.396	ng		94
36) 4-Chloro-3-methylphenol	12.19	107	207310	40.112	ng		97
37) 2-Methylnaphthalene	12.58	142	387585	39.230	ng		99
38) 1-Methylnaphthalene	12.80	142	374955	39.079	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	228677	39.953	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	114296	41.805	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	157085	41.080	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	168574	40.491	ng		99
46) 1,1'-Biphenyl	13.58	154	586349	39.900	ng		100
47) 2-Chloronaphthalene	13.63	162	438226	39.416	ng		99
48) 2-Nitroaniline	13.83	65	139992	41.522	ng		90
49) Acenaphthylene	14.47	152	678748	40.585	ng		100
50) Dimethylphthalate	14.19	163	550344	40.091	ng		99
51) 2,6-Dinitrotoluene	14.32	165	127440	41.965	ng		95
52) Acenaphthene	14.81	154	411684	39.970	ng		98
53) 3-Nitroaniline	14.66	138	139713	41.442	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	37782	41.846	ng		95
55) Dibenzofuran	15.14	168	672023	39.380	ng		98
56) 4-Nitrophenol	14.94	139	102442	41.052	ng		98
57) 2,4-Dinitrotoluene	15.10	165	173994	43.648	ng	#	95
58) Fluorene	15.79	166	502045	39.286	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	143123	40.151	ng		99
60) Diethylphthalate	15.55	149	568650	40.349	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	295590	39.684	ng		97
62) 4-Nitroaniline	15.82	138	143316	42.782	ng		89
63) Azobenzene	16.07	77	536044	39.864	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	83889	39.594	ng		96
66) n-Nitrosodiphenylamine	16.00	169	496557	39.015	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	182280	39.230	ng		96
68) Hexachlorobenzene	16.78	284	185110	38.440	ng		96
69) Atrazine	16.94	200	187574	40.763	ng		99
70) Pentachlorophenol	17.12	266	132447	41.061	ng		98
71) Phenanthrene	17.54	178	840148	39.070	ng		100
72) Anthracene	17.62	178	828169	39.244	ng		98
73) Carbazole	17.89	167	843075	39.939	ng		100
74) Di-n-butylphthalate	18.43	149	951751	40.531	ng		100
75) Fluoranthene	19.54	202	968289	39.702	ng		99
77) Benzidine	19.72	184	566901	43.906	ng		99
78) Pyrene	19.90	202	983007	39.601	ng		99
80) Butylbenzylphthalate	20.77	149	425668	41.900	ng		97
81) Benzo(a)anthracene	21.75	228	891253	39.681	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	354623	40.734	ng		98
83) Chrysene	21.82	228	855677	39.620	ng		100
84) Bis(2-ethylhexyl)phthalate	21.63	149	596507	41.889	ng		99
85) Di-n-octyl phthalate	22.88	149	985093	42.423	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	929004	40.105	ng		99
88) Benzo(b)fluoranthene	24.05	252	841850	38.532	ng		99
89) Benzo(k)fluoranthene	24.12	252	856952	40.035	ng		97
90) Benzo(a)pyrene	24.96	252	825762	39.775	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	752030	39.270	ng		98
92) Benzo(g,h,i)perylene	30.14	276	763086	39.387	ng		99

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

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