Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121417\
Data File : BG031591.D
Acq On : 15 Dec 2017 12:07
Operator : SJ/JU
Sample : SSTDCCC040EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
12/15/2017 6:47:10 PM

Quant Time: Dec 15 13:12:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70786	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	307390	20.00	ng		-0.01
38) Acenaphthene-d10	14.73	164	195542	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	483651	20.00	ng		0.00
75) Chrysene-d12	21.74	240	511689	20.00	ng		-0.01
86) Perylene-d12	25.01	264	464720	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	337337	84.47	ng		-0.01
7) Phenol-d6	7.26	99	439491	79.27	ng		0.00
23) Nitrobenzene-d5	9.27	82	413529	82.92	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	201446	87.93	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1100523	82.61	ng		0.00
78) Terphenyl-d14	20.06	244	1816640	80.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	68827	36.121	ng		87
3) Pyridine	3.91	79	201341	40.133	ng		90
4) n-Nitrosodimethylamine	3.83	42	94858	40.142	ng	#	92
6) Aniline	7.42	93	283003	38.762	ng		94
8) 2-Chlorophenol	7.66	128	181551	40.756	ng		89
9) Benzaldehyde	7.24	77	126089	39.237	ng		88
10) Phenol	7.29	94	228578	40.135	ng		93
11) bis(2-Chloroethyl)ether	7.51	93	184655	39.725	ng		90
12) 1,3-Dichlorobenzene	7.99	146	216924	40.949	ng		96
13) 1,4-Dichlorobenzene	8.13	146	220297	40.014	ng		96
14) 1,2-Dichlorobenzene	8.45	146	209755	39.995	ng		97
15) Benzyl Alcohol	8.34	79	161861	37.323	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	190331	36.447	ng		88
17) 2-Methylphenol	8.55	107	153303	39.489	ng		96
18) Hexachloroethane	9.18	117	75482	40.673	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	155775	35.699	ng	#	98
20) 3+4-Methylphenols	8.88	107	218992	37.867	ng		95
22) Acetophenone	8.92	105	302673	41.044	ng	#	94
24) Nitrobenzene	9.31	77	212705	41.622	ng		89
25) Isophorone	9.83	82	372841	39.559	ng	#	93
26) 2-Nitrophenol	10.03	139	109595	43.370	ng	#	89
27) 2,4-Dimethylphenol	10.08	122	160514	41.814	ng		94
28) bis(2-Chloroethoxy)methane	10.30	93	251132	41.273	ng		97
29) 2,4-Dichlorophenol	10.57	162	196832	43.521	ng		91
30) 1,2,4-Trichlorobenzene	10.77	180	239461	41.450	ng		96
31) Naphthalene	10.96	128	598087	39.605	ng		99
32) Benzoic acid	10.24	122	42081m	25.370	ng		
33) 4-Chloroaniline	11.07	127	258007	39.349	ng		95
34) Hexachlorobutadiene	11.24	225	162443	42.391	ng		97
35) Caprolactam	11.85	113	62165	35.004	ng	#	75
36) 4-Chloro-3-methylphenol	12.20	107	198627	38.475	ng	#	84
37) 2-Methylnaphthalene	12.56	142	449505	38.444	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	328944	43.043	ng	#	96
40) Hexachlorocyclopentadiene	12.90	237	47490	29.720	ng		92

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Quant Time: Dec 15 13:12:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	173703	44.488	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	178753	42.500	ng		92
45) 1,1'-Biphenyl	13.56	154	663136	41.290	ng		96
46) 2-Chloronaphthalene	13.60	162	486300	41.370	ng		96
47) 2-Nitroaniline	13.82	65	137409	41.599	ng	#	81
48) Acenaphthylene	14.45	152	769631	40.690	ng		98
49) Dimethylphthalate	14.17	163	660991	40.830	ng		98
50) 2,6-Dinitrotoluene	14.30	165	145145	41.946	ng	#	78
51) Acenaphthene	14.79	154	479908	40.126	ng		99
52) 3-Nitroaniline	14.64	138	144305	40.910	ng	#	82
53) 2,4-Dinitrophenol	14.86	184	6349	12.950	ng	#	51
54) Dibenzofuran	15.12	168	758963	39.768	ng		97
55) 4-Nitrophenol	14.97	139	85222	37.715	ng	#	80
56) 2,4-Dinitrotoluene	15.10	165	199650	40.623	ng	#	77
57) Fluorene	15.77	166	607123	39.702	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	167523	42.374	ng		89
59) Diethylphthalate	15.53	149	659340	40.632	ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	374426	40.020	ng		90
61) 4-Nitroaniline	15.80	138	151635	40.964	ng		91
62) Azobenzene	16.05	77	514753	38.294	ng		93
64) 4,6-Dinitro-2-methylphenol	15.86	198	85113	31.010	ng		78
65) n-Nitrosodiphenylamine	15.97	169	591970	41.816	ng		98
66) 4-Bromophenyl-phenylether	16.65	248	236096	41.980	ng		97
67) Hexachlorobenzene	16.78	284	245296	42.238	ng		96
68) Atrazine	16.91	200	222373	42.960	ng		98
69) Pentachlorophenol	17.13	266	76187	31.022	ng		98
70) Phenanthrene	17.51	178	1006794	39.859	ng		99
71) Anthracene	17.60	178	1010739	40.459	ng		99
72) Carbazole	17.87	167	938324	41.505	ng		99
73) Di-n-butylphthalate	18.40	149	1115262	42.719	ng		100
74) Fluoranthene	19.51	202	1278126	40.433	ng		97
76) Benzidine	19.69	184	418009	35.103	ng		99
77) Pyrene	19.87	202	1315830	41.386	ng		97
79) Butylbenzylphthalate	20.74	149	507746	45.522	ng		86
80) Benzo(a)anthracene	21.72	228	1269587	41.107	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	472141	43.924	ng		99
82) Chrysene	21.78	228	1195894	40.391	ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	714544	44.528	ng		100
84) Di-n-octyl phthalate	22.81	149	1147768	43.361	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.77	276	1184667	37.439	ng	#	53
87) Benzo(b)fluoranthene	23.97	252	1205204m	43.378	ng		
88) Benzo(k)fluoranthene	24.05	252	1156564	40.791	ng		97
89) Benzo(a)pyrene	24.87	252	1096221	41.593	ng		98
90) Dibenzo(a,h)anthracene	28.84	278	1005284	39.887	ng		99
91) Benzo(g,h,i)perylene	29.96	276	970681	39.175	ng		98

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

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