Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031541.D
Acq On : 13 Dec 2017 23:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/15/2017 7:48:04 PM

Quant Time: Dec 14 00:52:55 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	8.11	152	56337	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	277386	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	206327	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	536160	20.00	ng		0.00
75) Chrysene-d12	21.75	240	585349	20.00	ng		0.00
86) Perylene-d12	25.03	264	584363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	251741	79.20	ng		0.00
7) Phenol-d6	7.28	99	363810	82.45	ng		0.00
23) Nitrobenzene-d5	9.27	82	346955	77.10	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	206818	85.56	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1033840	73.55	ng		0.00
78) Terphenyl-d14	20.06	244	1855980	72.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	50632	33.387	ng	#	82
3) Pyridine	3.92	79	149347	37.404	ng		89
4) n-Nitrosodimethylamine	3.83	42	67310	35.790	ng	#	87
6) Aniline	7.42	93	232664	40.040	ng		94
8) 2-Chlorophenol	7.68	128	145496	41.039	ng		87
9) Benzaldehyde	7.24	77	94131	36.805	ng		85
10) Phenol	7.31	94	185157	40.850	ng		92
11) bis(2-Chloroethyl)ether	7.52	93	147265	39.807	ng		90
12) 1,3-Dichlorobenzene	7.99	146	162439	38.529	ng		96
13) 1,4-Dichlorobenzene	8.14	146	168889	38.544	ng		93
14) 1,2-Dichlorobenzene	8.46	146	161249	38.632	ng		95
15) Benzyl Alcohol	8.35	79	135677	39.309	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	184298m	44.344	ng		
17) 2-Methylphenol	8.56	107	127505	41.267	ng		97
18) Hexachloroethane	9.19	117	57281	38.782	ng		90
19) n-Nitroso-di-n-propylamine	8.91	70	132996	38.296	ng	#	96
20) 3+4-Methylphenols	8.89	107	186609	40.543	ng		96
22) Acetophenone	8.93	105	259695	39.026	ng	#	90
24) Nitrobenzene	9.32	77	175343	38.022	ng		91
25) Isophorone	9.84	82	338810	39.837	ng	#	92
26) 2-Nitrophenol	10.03	139	95519	41.888	ng		92
27) 2,4-Dimethylphenol	10.09	122	142185	41.046	ng		91
28) bis(2-Chloroethoxy)methane	10.31	93	219103	39.904	ng		95
29) 2,4-Dichlorophenol	10.58	162	174518	42.761	ng		92
30) 1,2,4-Trichlorobenzene	10.78	180	198749	38.124	ng		97
31) Naphthalene	10.97	128	514824	37.779	ng		98
32) Benzoic acid	10.26	122	68645	37.571	ng		89
33) 4-Chloroaniline	11.08	127	239017	40.396	ng		94
34) Hexachlorobutadiene	11.25	225	128259	37.090	ng		97
35) Caprolactam	11.87	113	69775	43.539	ng	#	65
36) 4-Chloro-3-methylphenol	12.21	107	188446	40.451	ng	#	85
37) 2-Methylnaphthalene	12.56	142	416612	39.485	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	298241	36.985	ng	#	96
40) Hexachlorocyclopentadiene	12.91	237	51866	30.372	ng		88

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	168453	40.888	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	176941	39.870	ng		94
45) 1,1'-Biphenyl	13.56	154	624298	36.840	ng		96
46) 2-Chloronaphthalene	13.61	162	455122	36.693	ng		96
47) 2-Nitroaniline	13.82	65	134496	38.589	ng	#	76
48) Acenaphthylene	14.46	152	752788	37.719	ng		99
49) Dimethylphthalate	14.18	163	663116	38.820	ng		99
50) 2,6-Dinitrotoluene	14.31	165	145185	39.764	ng	#	75
51) Acenaphthene	14.79	154	470284	37.266	ng		100
52) 3-Nitroaniline	14.64	138	151195m	40.623	ng		
53) 2,4-Dinitrophenol	14.86	184	40265	32.488	ng	#	50
54) Dibenzofuran	15.13	168	752735	37.380	ng		99
55) 4-Nitrophenol	14.97	139	89603	37.594	ng	#	80
56) 2,4-Dinitrotoluene	15.10	165	205535	39.634	ng	#	76
57) Fluorene	15.77	166	621874	38.541	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	171994	41.231	ng	#	88
59) Diethylphthalate	15.53	149	675400	39.446	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	376780	38.167	ng		90
61) 4-Nitroaniline	15.81	138	158264	40.520	ng		90
62) Azobenzene	16.05	77	518799	36.577	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	126978	40.035	ng	#	73
65) n-Nitrosodiphenylamine	15.98	169	608487	38.773	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	242223	38.851	ng		97
67) Hexachlorobenzene	16.78	284	248929	38.666	ng		96
68) Atrazine	16.92	200	221785	38.650	ng		98
69) Pentachlorophenol	17.13	266	100208	35.751	ng		98
70) Phenanthrene	17.52	178	1047877	37.422	ng		98
71) Anthracene	17.61	178	1055813	38.124	ng		99
72) Carbazole	17.88	167	969550	38.687	ng		99
73) Di-n-butylphthalate	18.41	149	1139365	39.368	ng		99
74) Fluoranthene	19.52	202	1317271	37.590	ng		98
76) Benzidine	19.69	184	437549	32.120	ng		98
77) Pyrene	19.88	202	1345103	36.983	ng		97
79) Butylbenzylphthalate	20.74	149	526874	41.293	ng	#	83
80) Benzo(a)anthracene	21.72	228	1334080	37.759	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	524339	42.642	ng		98
82) Chrysene	21.80	228	1256856	37.108	ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	744193	40.540	ng		99
84) Di-n-octyl phthalate	22.82	149	1251223	41.321	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.81	276	1473095	40.696	ng		99
87) Benzo(b)fluoranthene	23.99	252	1320259	37.790	ng		99
88) Benzo(k)fluoranthene	24.05	252	1351844	37.917	ng		99
89) Benzo(a)pyrene	24.87	252	1274776	38.465	ng		99
90) Dibenzo(a,h)anthracene	28.86	278	1242801	39.215	ng		97
91) Benzo(g,h,i)perylene	29.99	276	1223722	39.275	ng		98

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

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