Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032714.D
Acq On : 15 Feb 2018 15:23
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/16/2018 2:27:21 PM

Quant Time: Feb 16 02:30:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	23204	20.00	ng		-0.05
21) Naphthalene-d8	11.51	136	99857	20.00	ng		-0.04
38) Acenaphthene-d10	15.28	164	60559	20.00	ng		-0.03
63) Phenanthrene-d10	18.02	188	180792	20.00	ng		-0.03
75) Chrysene-d12	22.34	240	310882	20.00	ng		-0.03
86) Perylene-d12	25.98	264	336844	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	95956	82.97	ng		-0.04
7) Phenol-d6	7.75	99	115765	73.20	ng		-0.04
23) Nitrobenzene-d5	9.83	82	119808	76.25	ng		-0.05
41) 2,4,6-Tribromophenol	16.76	330	103491	110.98	ng		-0.03
44) 2-Fluorobiphenyl	13.90	172	364804	75.33	ng		-0.04
78) Terphenyl-d14	20.57	244	1079979	79.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.75	88	20234	41.823	ng	#	71
3) Pyridine	4.20	79	43809	35.303	ng	#	79
4) n-Nitrosodimethylamine	4.11	42	22014	37.753	ng	#	69
6) Aniline	7.93	93	75332	40.304	ng		97
8) 2-Chlorophenol	8.18	128	56231	42.282	ng		85
9) Benzaldehyde	7.74	77	31046m	33.218	ng		
10) Phenol	7.78	94	57559	37.423	ng		92
11) bis(2-Chloroethyl)ether	8.02	93	44323	35.946	ng	#	78
12) 1,3-Dichlorobenzene	8.52	146	79758	42.522	ng		97
13) 1,4-Dichlorobenzene	8.67	146	74122	39.999	ng		91
14) 1,2-Dichlorobenzene	9.00	146	78750	42.135	ng		99
15) Benzyl Alcohol	8.87	79	48425	40.854	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.16	45	40531	30.542	ng		63
17) 2-Methylphenol	9.07	107	48047	44.110	ng	#	92
18) Hexachloroethane	9.74	117	29026	42.898	ng	#	86
19) n-Nitroso-di-n-propylamine	9.44	70	37299	35.083	ng	#	88
20) 3+4-Methylphenols	9.41	107	59156	35.933	ng		93
22) Acetophenone	9.47	105	83754	39.437	ng	#	87
24) Nitrobenzene	9.87	77	60804	36.961	ng		91
25) Isophorone	10.39	82	98276	32.807	ng	#	81
26) 2-Nitrophenol	10.60	139	35143	39.942	ng	#	81
27) 2,4-Dimethylphenol	10.64	122	49616	42.921	ng		96
28) bis(2-Chloroethoxy)methane	10.88	93	56712	37.034	ng		96
29) 2,4-Dichlorophenol	11.14	162	64493	38.119	ng		89
30) 1,2,4-Trichlorobenzene	11.36	180	86889	36.632	ng		99
31) Naphthalene	11.55	128	195214	40.261	ng		97
32) Benzoic acid	10.75	122	33475m	37.221	ng		
33) 4-Chloroaniline	11.66	127	80234	41.704	ng	#	91
34) Hexachlorobutadiene	11.82	225	72250	37.167	ng		96
35) Caprolactam	12.42	113	22810	47.475	ng	#	37
36) 4-Chloro-3-methylphenol	12.75	107	60356	39.660	ng	#	85
37) 2-Methylnaphthalene	13.13	142	146981	37.372	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.49	216	131219	45.876	ng	#	94
40) Hexachlorocyclopentadiene	13.46	237	106938	59.079	ng		93

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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	13.72	196	77957	54.607	ng		98
43) 2,4,5-Trichlorophenol	13.79	196	66560	37.413	ng	#	91
45) 1,1'-Biphenyl	14.12	154	189956	38.122	ng		94
46) 2-Chloronaphthalene	14.17	162	149873	38.010	ng		96
47) 2-Nitroaniline	14.36	65	32223	37.569	ng	#	68
48) Acenaphthylene	15.00	152	229843	39.621	ng		98
49) Dimethylphthalate	14.71	163	208902	39.907	ng		99
50) 2,6-Dinitrotoluene	14.84	165	44515	41.291	ng	#	81
51) Acenaphthene	15.34	154	160580	40.534	ng		99
52) 3-Nitroaniline	15.17	138	39405	41.391	ng	#	76
53) 2,4-Dinitrophenol	15.37	184	23121	45.520	ng	#	70
54) Dibenzofuran	15.67	168	231982	39.358	ng		97
55) 4-Nitrophenol	15.47	139	30700	45.983	ng	#	78
56) 2,4-Dinitrotoluene	15.62	165	64529	43.441	ng	#	70
57) Fluorene	16.32	166	192087	39.628	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.89	232	69416	41.443	ng	#	85
59) Diethylphthalate	16.05	149	208170	40.870	ng		97
60) 4-Chlorophenyl-phenylether	16.30	204	119893	37.462	ng		98
61) 4-Nitroaniline	16.33	138	43912	44.738	ng		84
62) Azobenzene	16.59	77	119552	36.533	ng		84
64) 4,6-Dinitro-2-methylphenol	16.38	198	40825	32.819	ng	#	66
65) n-Nitrosodiphenylamine	16.51	169	177337	33.445	ng		98
66) 4-Bromophenyl-phenylether	17.19	248	99248	38.358	ng		93
67) Hexachlorobenzene	17.32	284	116103	41.779	ng	#	90
68) Atrazine	17.44	200	96749	42.541	ng		99
69) Pentachlorophenol	17.66	266	75950	44.643	ng		96
70) Phenanthrene	18.06	178	377002	38.819	ng		98
71) Anthracene	18.15	178	384081	38.651	ng		98
72) Carbazole	18.42	167	371664	43.867	ng		99
73) Di-n-butylphthalate	18.92	149	423658	44.410	ng		99
74) Fluoranthene	20.03	202	683907	52.749	ng		95
76) Benzidine	20.20	184	263074	35.937	ng		98
77) Pyrene	20.39	202	733097	39.637	ng		99
79) Butylbenzylphthalate	21.25	149	246101	40.393	ng	#	80
80) Benzo(a)anthracene	22.32	228	726039	37.300	ng		99
81) 3,3'-Dichlorobenzidine	22.22	252	301021	41.410	ng	#	95
82) Chrysene	22.39	228	722211	37.629	ng		98
83) Bis(2-ethylhexyl)phthalate	22.17	149	354052	40.298	ng	#	99
84) Di-n-octyl phthalate	23.53	149	534497	38.775	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.19	276	882012	38.793	ng	#	83
87) Benzo(b)fluoranthene	24.82	252	765151	38.116	ng	#	94
88) Benzo(k)fluoranthene	24.89	252	795135	38.273	ng	#	95
89) Benzo(a)pyrene	25.81	252	745415	38.116	ng	#	95
90) Dibenzo(a,h)anthracene	30.27	278	745295	38.280	ng	#	95
91) Benzo(g,h,i)perylene	31.51	276	746078	39.642	ng	#	92

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

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