Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028811.D
Acq On : 19 Sep 2017 1:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 19 04:32:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	28800	20.00	ng		-0.03
21) Naphthalene-d8	11.12	136	122674	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	95950	20.00	ng		-0.03
63) Phenanthrene-d10	17.66	188	252062	20.00	ng		-0.03
75) Chrysene-d12	21.99	240	279236	20.00	ng		-0.04
86) Perylene-d12	25.46	264	285730	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	144873	83.00	ng		-0.05
7) Phenol-d6	7.45	99	215222	81.90	ng		-0.04
23) Nitrobenzene-d5	9.47	82	209637	81.75	ng		-0.03
41) 2,4,6-Tribromophenol	16.40	330	136042	85.73	ng		-0.03
44) 2-Fluorobiphenyl	13.53	172	551359	76.62	ng		-0.03
78) Terphenyl-d14	20.25	244	1096326	83.73	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	28116	39.778	ng	#	88
3) Pyridine	4.18	79	82090	40.714	ng		91
4) n-Nitrosodimethylamine	4.09	42	35593	38.807	ng	#	73
6) Aniline	7.62	93	126225	41.272	ng		94
8) 2-Chlorophenol	7.86	128	82129	42.210	ng		95
9) Benzaldehyde	7.44	77	60751	37.261	ng		92
10) Phenol	7.48	94	115182	41.531	ng		87
11) bis(2-Chloroethyl)ether	7.70	93	75705	38.021	ng		92
12) 1,3-Dichlorobenzene	8.18	146	85414	40.767	ng		93
13) 1,4-Dichlorobenzene	8.34	146	91643	42.537	ng		96
14) 1,2-Dichlorobenzene	8.65	146	85960	40.386	ng		99
15) Benzyl Alcohol	8.53	79	80966	39.468	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.81	45	136149	37.623	ng		97
17) 2-Methylphenol	8.73	107	72833	40.188	ng		95
18) Hexachloroethane	9.38	117	32157	40.725	ng		85
19) n-Nitroso-di-n-propylamine	9.09	70	76808	41.230	ng		88
20) 3+4-Methylphenols	9.06	107	104532	41.237	ng		94
22) Acetophenone	9.12	105	145648	40.606	ng	#	87
24) Nitrobenzene	9.51	77	114481	40.316	ng	#	89
25) Isophorone	10.03	82	210295	40.529	ng		96
26) 2-Nitrophenol	10.23	139	48741	40.330	ng	#	86
27) 2,4-Dimethylphenol	10.27	122	89673	40.592	ng		98
28) bis(2-Chloroethoxy)methane	10.50	93	114750	40.724	ng		100
29) 2,4-Dichlorophenol	10.76	162	92648	42.151	ng		92
30) 1,2,4-Trichlorobenzene	10.97	180	102303	40.800	ng		94
31) Naphthalene	11.17	128	265167	41.387	ng		98
32) Benzoic acid	10.43	122	60856	39.958	ng		85
33) 4-Chloroaniline	11.27	127	110188	41.053	ng		92
34) Hexachlorobutadiene	11.44	225	72163	39.073	ng		89
35) Caprolactam	12.06	113	34193	43.381	ng		98
36) 4-Chloro-3-methylphenol	12.38	107	122846	42.946	ng		97
37) 2-Methylnaphthalene	12.75	142	196965	41.176	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	154557	39.176	ng	#	95
40) Hexachlorocyclopentadiene	13.09	237	38178	30.146	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	96448	38.518	ng		90
43) 2,4,5-Trichlorophenol	13.43	196	102611	40.782	ng	#	88
45) 1,1'-Biphenyl	13.75	154	312724	39.365	ng		98
46) 2-Chloronaphthalene	13.79	162	227054	39.185	ng		98
47) 2-Nitroaniline	14.00	65	86906	40.356	ng		89
48) Acenaphthylene	14.64	152	374870	40.494	ng		94
49) Dimethylphthalate	14.36	163	329348	40.933	ng		98
50) 2,6-Dinitrotoluene	14.49	165	75142	41.971	ng	#	77
51) Acenaphthene	14.98	154	226632	40.301	ng		95
52) 3-Nitroaniline	14.82	138	66216	41.824	ng		97
53) 2,4-Dinitrophenol	15.03	184	28855	35.530	ng		98
54) Dibenzofuran	15.31	168	363645	40.550	ng		95
55) 4-Nitrophenol	15.13	139	42901	36.985	ng	#	78
56) 2,4-Dinitrotoluene	15.28	165	107729	42.795	ng	#	85
57) Fluorene	15.96	166	338148	42.236	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.54	232	93342	42.093	ng	#	94
59) Diethylphthalate	15.71	149	336960	40.753	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	189214	41.504	ng		90
61) 4-Nitroaniline	15.99	138	69853	41.647	ng	#	85
62) Azobenzene	16.23	77	287334	41.319	ng		91
64) 4,6-Dinitro-2-methylphenol	16.04	198	63847	39.255	ng		95
65) n-Nitrosodiphenylamine	16.16	169	289207	40.025	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	132455	40.839	ng		96
67) Hexachlorobenzene	16.97	284	148771	40.302	ng	#	90
68) Atrazine	17.10	200	124339	40.077	ng		98
69) Pentachlorophenol	17.31	266	64346	38.580	ng		93
70) Phenanthrene	17.71	178	524590	40.697	ng		95
71) Anthracene	17.80	178	534588	41.056	ng		96
72) Carbazole	18.07	167	479181	40.861	ng	#	95
73) Di-n-butylphthalate	18.59	149	568777	39.555	ng	#	94
74) Fluoranthene	19.71	202	634516	40.316	ng		94
76) Benzidine	19.88	184	195568	27.008	ng		96
77) Pyrene	20.07	202	660685	41.020	ng		95
79) Butylbenzylphthalate	20.93	149	257375	39.567	ng		91
80) Benzo(a)anthracene	21.97	228	697756	41.513	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	271875	39.896	ng		97
82) Chrysene	22.04	228	656601	41.171	ng		97
83) Bis(2-ethylhexyl)phthalate	21.83	149	372334	40.262	ng		99
84) Di-n-octyl phthalate	23.11	149	646462	40.010	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	823175	40.172	ng	#	96
87) Benzo(b)fluoranthene	24.35	252	716705	41.867	ng	#	96
88) Benzo(k)fluoranthene	24.42	252	699985	40.936	ng		96
89) Benzo(a)pyrene	25.30	252	672972	41.416	ng		94
90) Dibenzo(a,h)anthracene	29.50	278	674060	39.790	ng		99
91) Benzo(g,h,i)perylene	30.70	276	670079	40.539	ng		99

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

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