Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028878.D
Acq On : 22 Sep 2017 17:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/25/2017 6:22:22 PM

Quant Time: Sep 22 23:44:09 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	8.27	152	27206	20.00	ng		-0.06
21) Naphthalene-d8	11.09	136	119703	20.00	ng		-0.06
38) Acenaphthene-d10	14.89	164	95067	20.00	ng		-0.05
63) Phenanthrene-d10	17.64	188	260744	20.00	ng		-0.05
75) Chrysene-d12	21.96	240	304004	20.00	ng		-0.07
86) Perylene-d12	25.41	264	318056	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	131100	79.51	ng		-0.06
7) Phenol-d6	7.43	99	201081	81.00	ng		-0.06
23) Nitrobenzene-d5	9.45	82	203305	81.25	ng		-0.06
41) 2,4,6-Tribromophenol	16.39	330	146246	93.01	ng		-0.05
44) 2-Fluorobiphenyl	13.51	172	547991	76.86	ng		-0.05
78) Terphenyl-d14	20.23	244	1177400	82.59	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	25277	37.857	ng	#	87
3) Pyridine	4.17	79	73499	38.589	ng		95
4) n-Nitrosodimethylamine	4.08	42	33972	39.210	ng	#	72
6) Aniline	7.60	93	118435	40.993	ng		98
8) 2-Chlorophenol	7.84	128	73857	40.183	ng		90
9) Benzaldehyde	7.42	77	54702	35.517	ng		85
10) Phenol	7.46	94	107012	40.846	ng		90
11) bis(2-Chloroethyl)ether	7.69	93	74935	39.839	ng		92
12) 1,3-Dichlorobenzene	8.17	146	80900	40.875	ng		93
13) 1,4-Dichlorobenzene	8.31	146	81980	40.282	ng		91
14) 1,2-Dichlorobenzene	8.64	146	78902	39.242	ng		95
15) Benzyl Alcohol	8.51	79	72106	37.208	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.80	45	128201	37.502	ng		99
17) 2-Methylphenol	8.71	107	68615	40.079	ng		92
18) Hexachloroethane	9.36	117	29763	39.901	ng		90
19) n-Nitroso-di-n-propylamine	9.07	70	76237	43.322	ng	#	86
20) 3+4-Methylphenols	9.04	107	101473	42.376	ng		92
22) Acetophenone	9.10	105	139322	39.806	ng	#	89
24) Nitrobenzene	9.49	77	110920	40.031	ng		95
25) Isophorone	10.01	82	211901	41.852	ng		98
26) 2-Nitrophenol	10.21	139	48553	41.172	ng	#	92
27) 2,4-Dimethylphenol	10.25	122	88253	40.941	ng		99
28) bis(2-Chloroethoxy)methane	10.48	93	110999	40.370	ng		96
29) 2,4-Dichlorophenol	10.75	162	88874	41.438	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	95119	38.876	ng		98
31) Naphthalene	11.15	128	250682	40.097	ng		98
32) Benzoic acid	10.40	122	51347	35.374	ng		95
33) 4-Chloroaniline	11.26	127	113030	43.157	ng		92
34) Hexachlorobutadiene	11.42	225	68421	37.967	ng		99
35) Caprolactam	12.03	113	37871	49.240	ng	#	86
36) 4-Chloro-3-methylphenol	12.36	107	120924	43.323	ng		94
37) 2-Methylnaphthalene	12.73	142	193253	41.402	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	148643	38.027	ng	#	96
40) Hexachlorocyclopentadiene	13.07	237	41978	32.620	ng		97

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Quant Time: Sep 22 23:44:09 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)
42) 2,4,6-Trichlorophenol	13.34	196	96988	39.094	ng		95
43) 2,4,5-Trichlorophenol	13.42	196	101224	40.605	ng		93
45) 1,1'-Biphenyl	13.73	154	310800	39.486	ng		95
46) 2-Chloronaphthalene	13.78	162	224835	39.162	ng		99
47) 2-Nitroaniline	13.98	65	87783	41.142	ng		89
48) Acenaphthylene	14.62	152	374253	40.803	ng		96
49) Dimethylphthalate	14.34	163	338567	42.470	ng		97
50) 2,6-Dinitrotoluene	14.47	165	76761	43.274	ng	#	76
51) Acenaphthene	14.96	154	227867	40.897	ng		94
52) 3-Nitroaniline	14.81	138	71268	45.433	ng	#	90
53) 2,4-Dinitrophenol	15.02	184	31644	38.471	ng		90
54) Dibenzofuran	15.29	168	370488	41.696	ng		95
55) 4-Nitrophenol	15.12	139	52765	45.912	ng	#	78
56) 2,4-Dinitrotoluene	15.26	165	115281	46.220	ng	#	86
57) Fluorene	15.94	166	334778	42.203	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.52	232	99230	45.164	ng		91
59) Diethylphthalate	15.69	149	358334	43.740	ng		97
60) 4-Chlorophenyl-phenylether	15.92	204	193199	42.772	ng		91
61) 4-Nitroaniline	15.97	138	79166	47.638	ng	#	85
62) Azobenzene	16.22	77	291182	42.261	ng		92
64) 4,6-Dinitro-2-methylphenol	16.03	198	71118	42.270	ng		94
65) n-Nitrosodiphenylamine	16.14	169	303996	40.670	ng		99
66) 4-Bromophenyl-phenylether	16.82	248	135592	40.414	ng		94
67) Hexachlorobenzene	16.95	284	155437	40.706	ng	#	90
68) Atrazine	17.09	200	132061	41.148	ng		98
69) Pentachlorophenol	17.30	266	72182	41.837	ng		97
70) Phenanthrene	17.69	178	547563	41.065	ng		94
71) Anthracene	17.78	178	558937	41.496	ng		97
72) Carbazole	18.05	167	507383	41.825	ng		95
73) Di-n-butylphthalate	18.58	149	612397	41.171	ng	#	94
74) Fluoranthene	19.69	202	683028	41.953	ng		93
76) Benzidine	19.86	184	419003	53.149	ng		98
77) Pyrene	20.05	202	710488	40.518	ng		95
79) Butylbenzylphthalate	20.91	149	282430	39.881	ng		92
80) Benzo(a)anthracene	21.95	228	748119	40.883	ng		94
81) 3,3'-Dichlorobenzidine	21.85	252	305753	41.211	ng	#	97
82) Chrysene	22.02	228	720992	41.526	ng		95
83) Bis(2-ethylhexyl)phthalate	21.80	149	406025	40.328	ng		97
84) Di-n-octyl phthalate	23.08	149	716328	40.722	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.40	276	919845	41.233	ng	#	95
87) Benzo(b)fluoranthene	24.31	252	772173	40.522	ng		98
88) Benzo(k)fluoranthene	24.38	252	765457m	40.215	ng		
89) Benzo(a)pyrene	25.25	252	739697	40.896	ng		94
90) Dibenzo(a,h)anthracene	29.44	278	766661	40.656	ng		99
91) Benzo(g,h,i)perylene	30.63	276	748365	40.673	ng		96

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

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