Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
Data File : BG028983.D
Acq On : 30 Sep 2017 17:27
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/2/2017 5:46:05 PM

Quant Time: Oct 01 02:45:41 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	8.25	152	43372	20.00	ng		-0.08
21) Naphthalene-d8	11.08	136	173025	20.00	ng		-0.07
38) Acenaphthene-d10	14.88	164	116148	20.00	ng		-0.06
63) Phenanthrene-d10	17.63	188	285517	20.00	ng		-0.06
75) Chrysene-d12	21.95	240	354782	20.00	ng		-0.08
86) Perylene-d12	25.38	264	361523	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	216943	82.53	ng		-0.08
7) Phenol-d6	7.41	99	310348	78.42	ng		-0.08
23) Nitrobenzene-d5	9.43	82	301720	83.42	ng		-0.08
41) 2,4,6-Tribromophenol	16.37	330	163806	85.27	ng		-0.06
44) 2-Fluorobiphenyl	13.50	172	737703	84.69	ng		-0.06
78) Terphenyl-d14	20.22	244	1319653	79.32	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.75	88	42138	39.587	ng		92
3) Pyridine	4.15	79	122511	40.347	ng		92
4) n-Nitrosodimethylamine	4.06	42	57885	41.908	ng	#	71
6) Aniline	7.58	93	182418	39.606	ng		95
8) 2-Chlorophenol	7.83	128	121513	41.469	ng		92
9) Benzaldehyde	7.40	77	92291	37.588	ng		90
10) Phenol	7.44	94	168206	40.273	ng		87
11) bis(2-Chloroethyl)ether	7.67	93	117228	39.094	ng		96
12) 1,3-Dichlorobenzene	8.14	146	129475	41.035	ng		95
13) 1,4-Dichlorobenzene	8.29	146	134732	41.527	ng		96
14) 1,2-Dichlorobenzene	8.61	146	130276	40.643	ng		99
15) Benzyl Alcohol	8.50	79	115902	37.516	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.78	45	213548	39.184	ng		99
17) 2-Methylphenol	8.69	107	105208	38.548	ng		94
18) Hexachloroethane	9.34	117	49176	41.354	ng		99
19) n-Nitroso-di-n-propylamine	9.06	70	106529	37.972	ng		92
20) 3+4-Methylphenols	9.03	107	151909	39.793	ng		90
22) Acetophenone	9.08	105	209445	41.400	ng	#	92
24) Nitrobenzene	9.47	77	164279	41.017	ng		93
25) Isophorone	9.99	82	287862	39.333	ng		97
26) 2-Nitrophenol	10.19	139	70084	41.115	ng		93
27) 2,4-Dimethylphenol	10.23	122	126752	40.680	ng		95
28) bis(2-Chloroethoxy)methane	10.46	93	160472	40.377	ng		94
29) 2,4-Dichlorophenol	10.73	162	131346	42.368	ng		93
30) 1,2,4-Trichlorobenzene	10.94	180	146967	41.556	ng		99
31) Naphthalene	11.13	128	377085	41.728	ng		99
32) Benzoic acid	10.35	122	17020m	12.802	ng		
33) 4-Chloroaniline	11.24	127	149624	39.524	ng		91
34) Hexachlorobutadiene	11.40	225	107575	41.297	ng		98
35) Caprolactam	12.02	113	40894	36.785	ng		91
36) 4-Chloro-3-methylphenol	12.35	107	150808	37.379	ng		96
37) 2-Methylnaphthalene	12.72	142	271209	40.197	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	205694	43.071	ng	#	95
40) Hexachlorocyclopentadiene	13.05	237	70080	41.787	ng		97

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	124109	40.946	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	124673	40.934	ng		94
45) 1,1'-Biphenyl	13.71	154	402273	41.831	ng		98
46) 2-Chloronaphthalene	13.77	162	293303	41.816	ng		98
47) 2-Nitroaniline	13.97	65	109244	41.907	ng		94
48) Acenaphthylene	14.61	152	456841	40.767	ng		97
49) Dimethylphthalate	14.32	163	397085	40.770	ng		97
50) 2,6-Dinitrotoluene	14.46	165	90219	41.630	ng	#	80
51) Acenaphthene	14.95	154	275864	40.525	ng		96
52) 3-Nitroaniline	14.79	138	79313	41.385	ng		94
53) 2,4-Dinitrophenol	15.01	184	15537m	20.246	ng		
54) Dibenzofuran	15.28	168	441029	40.627	ng		92
55) 4-Nitrophenol	15.10	139	59296	42.230	ng	#	76
56) 2,4-Dinitrotoluene	15.25	165	123276	40.455	ng	#	85
57) Fluorene	15.93	166	391588	40.405	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.51	232	117515	43.779	ng	#	91
59) Diethylphthalate	15.68	149	403157	40.280	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	221525	40.141	ng		91
61) 4-Nitroaniline	15.96	138	85046	41.887	ng		86
62) Azobenzene	16.20	77	338199	40.176	ng		92
64) 4,6-Dinitro-2-methylphenol	16.02	198	57318	31.112	ng		98
65) n-Nitrosodiphenylamine	16.13	169	335912	41.041	ng		97
66) 4-Bromophenyl-phenylether	16.81	248	152854	41.606	ng		90
67) Hexachlorobenzene	16.94	284	169153	40.454	ng	#	87
68) Atrazine	17.07	200	147390	41.940	ng		98
69) Pentachlorophenol	17.29	266	62082	32.861	ng		94
70) Phenanthrene	17.67	178	607936m	41.637	ng		
71) Anthracene	17.77	178	610873	41.417	ng		97
72) Carbazole	18.04	167	570229	42.927	ng		94
73) Di-n-butylphthalate	18.57	149	696105	42.738	ng	#	94
74) Fluoranthene	19.68	202	768770	43.122	ng		94
76) Benzidine	19.85	184	410315	44.598	ng		98
77) Pyrene	20.04	202	790163	38.612	ng		96
79) Butylbenzylphthalate	20.90	149	329709	39.894	ng		95
80) Benzo(a)anthracene	21.93	228	868927	40.689	ng		96
81) 3,3'-Dichlorobenzidine	21.83	252	350099	40.435	ng	#	97
82) Chrysene	22.00	228	826254	40.777	ng		96
83) Bis(2-ethylhexyl)phthalate	21.79	149	475764	40.492	ng	#	99
84) Di-n-octyl phthalate	23.06	149	842478	41.039	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.33	276	1082997	41.598	ng	#	98
87) Benzo(b)fluoranthene	24.28	252	891591	41.164	ng	#	97
88) Benzo(k)fluoranthene	24.35	252	883027	40.814	ng		97
89) Benzo(a)pyrene	25.22	252	853656	41.522	ng		97
90) Dibenzo(a,h)anthracene	29.38	278	895169	41.763	ng		99
91) Benzo(g,h,i)perylene	30.56	276	868132	41.510	ng		98

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

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