Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028843.D
Acq On : 21 Sep 2017 5:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/22/2017 3:58:18 PM

Quant Time: Sep 21 11:57:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 11:41:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	34011	20.00	ng		0.00
21) Naphthalene-d8	11.11	136	139827	20.00	ng		0.00
38) Acenaphthene-d10	14.91	164	97095	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	241533	20.00	ng		0.00
75) Chrysene-d12	21.99	240	288311	20.00	ng		0.00
86) Perylene-d12	25.46	264	295367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	168444	81.72	ng		0.00
7) Phenol-d6	7.44	99	245496	79.11	ng		0.00
23) Nitrobenzene-d5	9.46	82	233283	79.81	ng		0.00
41) 2,4,6-Tribromophenol	16.40	330	132193	82.32	ng		0.00
44) 2-Fluorobiphenyl	13.53	172	584273	80.24	ng		0.00
78) Terphenyl-d14	20.24	244	1124153	83.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	32191	38.566	ng	#	91
3) Pyridine	4.19	79	96941	40.714	ng		96
4) n-Nitrosodimethylamine	4.10	42	42241	38.999	ng	#	80
6) Aniline	7.61	93	143414	39.707	ng		96
8) 2-Chlorophenol	7.85	128	89987	39.163	ng		94
9) Benzaldehyde	7.43	77	70773	36.758	ng		94
10) Phenol	7.47	94	130824	39.944	ng		89
11) bis(2-Chloroethyl)ether	7.70	93	90986	38.694	ng		97
12) 1,3-Dichlorobenzene	8.18	146	99605	40.257	ng		92
13) 1,4-Dichlorobenzene	8.32	146	103034	40.497	ng		96
14) 1,2-Dichlorobenzene	8.65	146	99936	39.759	ng		96
15) Benzyl Alcohol	8.52	79	89532	36.957	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	8.81	45	155920	36.485	ng		96
17) 2-Methylphenol	8.72	107	81562	38.109	ng		91
18) Hexachloroethane	9.37	117	37033	39.714	ng		96
19) n-Nitroso-di-n-propylamine	9.09	70	82312	37.415	ng		88
20) 3+4-Methylphenols	9.05	107	117064	39.105	ng		95
22) Acetophenone	9.11	105	160330	39.216	ng	#	88
24) Nitrobenzene	9.50	77	127913	39.520	ng		97
25) Isophorone	10.02	82	218512	36.946	ng	#	97
26) 2-Nitrophenol	10.22	139	53635	38.936	ng		96
27) 2,4-Dimethylphenol	10.26	122	96276	38.235	ng		96
28) bis(2-Chloroethoxy)methane	10.49	93	124269	38.692	ng		99
29) 2,4-Dichlorophenol	10.75	162	100042	39.932	ng		95
30) 1,2,4-Trichlorobenzene	10.97	180	116830	40.877	ng		94
31) Naphthalene	11.16	128	294489	40.325	ng		98
32) Benzoic acid	10.41	122	52988	31.960	ng		92
33) 4-Chloroaniline	11.27	127	120500	39.388	ng		96
34) Hexachlorobutadiene	11.43	225	86213	40.954	ng		95
35) Caprolactam	12.05	113	34325	38.206	ng	#	85
36) 4-Chloro-3-methylphenol	12.37	107	119953	36.790	ng		88
37) 2-Methylnaphthalene	12.75	142	213400	39.139	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	164101	41.105	ng	#	95
40) Hexachlorocyclopentadiene	13.08	237	44669	33.668	ng		98

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Quant Time: Sep 21 11:57:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 11:41:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	99020	39.079	ng		93
43) 2,4,5-Trichlorophenol	13.43	196	99826	39.208	ng	#	87
45) 1,1'-Biphenyl	13.74	154	326270	40.585	ng		97
46) 2-Chloronaphthalene	13.79	162	233348	39.796	ng		100
47) 2-Nitroaniline	13.99	65	87244	40.035	ng		90
48) Acenaphthylene	14.63	152	374005	39.925	ng		98
49) Dimethylphthalate	14.35	163	317776	39.029	ng		99
50) 2,6-Dinitrotoluene	14.48	165	71949	39.714	ng		86
51) Acenaphthene	14.97	154	226353	39.776	ng		94
52) 3-Nitroaniline	14.82	138	65801	41.072	ng		96
53) 2,4-Dinitrophenol	15.03	184	17869	24.848	ng		90
54) Dibenzofuran	15.30	168	361807	39.869	ng		94
55) 4-Nitrophenol	15.13	139	40900	34.845	ng	#	71
56) 2,4-Dinitrotoluene	15.27	165	106476	41.798	ng	#	86
57) Fluorene	15.96	166	317907	39.239	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	85893	38.277	ng	#	94
59) Diethylphthalate	15.70	149	324041	38.728	ng		99
60) 4-Chlorophenyl-phenylether	15.94	204	185617	40.235	ng		88
61) 4-Nitroaniline	15.98	138	69965	41.222	ng	#	79
62) Azobenzene	16.23	77	277592	39.448	ng		91
64) 4,6-Dinitro-2-methylphenol	16.04	198	56923	36.524	ng		97
65) n-Nitrosodiphenylamine	16.16	169	281997	40.728	ng		97
66) 4-Bromophenyl-phenylether	16.83	248	125761	40.465	ng		94
67) Hexachlorobenzene	16.97	284	142116	40.177	ng	#	87
68) Atrazine	17.10	200	120680	40.593	ng		91
69) Pentachlorophenol	17.31	266	56985	35.656	ng		98
70) Phenanthrene	17.70	178	506921	41.041	ng		94
71) Anthracene	17.79	178	519531	41.639	ng		96
72) Carbazole	18.06	167	481781	42.873	ng		97
73) Di-n-butylphthalate	18.59	149	565714	41.057	ng	#	94
74) Fluoranthene	19.70	202	649322	43.055	ng		93
76) Benzidine	19.87	184	279471	37.380	ng		96
77) Pyrene	20.06	202	676001	40.650	ng		96
79) Butylbenzylphthalate	20.93	149	266602	39.695	ng		90
80) Benzo(a)anthracene	21.97	228	705739	40.666	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	278647	39.602	ng	#	99
82) Chrysene	22.04	228	675597	41.029	ng		94
83) Bis(2-ethylhexyl)phthalate	21.82	149	376486	39.430	ng		99
84) Di-n-octyl phthalate	23.11	149	664898	39.856	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.45	276	830275	39.244	ng	#	98
87) Benzo(b)fluoranthene	24.35	252	720012m	40.688	ng		
88) Benzo(k)fluoranthene	24.42	252	734317	41.543	ng		96
89) Benzo(a)pyrene	25.29	252	688912	41.014	ng		93
90) Dibenzo(a,h)anthracene	29.50	278	686169	39.183	ng		98
91) Benzo(g,h,i)perylene	30.69	276	660715	38.668	ng		97

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

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