Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028749.D
Acq On : 15 Sep 2017 2:01
Operator : SJ/JU
Sample : PB102326BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Manual Integrations APPROVED
Sohil
9/15/2017 5:46:02 PM

Quant Time: Sep 15 09:12:19 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	8.33	152	35185	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	146916	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	103660	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	263610	20.00	ng		0.00
75) Chrysene-d12	22.02	240	307996	20.00	ng		0.00
86) Perylene-d12	25.52	264	306588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	202577	95.00	ng		0.00
7) Phenol-d6	7.49	99	288472	89.85	ng		0.00
23) Nitrobenzene-d5	9.50	82	262415	85.45	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	156398	91.22	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	713980	91.84	ng		0.00
78) Terphenyl-d14	20.28	244	1158728	80.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	29032	33.621	ng		95
3) Pyridine	4.23	79	85950	34.893	ng	#	88
4) n-Nitrosodimethylamine	4.14	42	42099	37.571	ng	#	69
6) Aniline	7.66	93	71495	19.134	ng	#	93
8) 2-Chlorophenol	7.90	128	100923	42.456	ng		97
9) Benzaldehyde	7.47	77	49400	24.801	ng	#	79
10) Phenol	7.51	94	142747	42.130	ng		90
11) bis(2-Chloroethyl)ether	7.74	93	90856	37.349	ng		89
12) 1,3-Dichlorobenzene	8.22	146	101168	39.524	ng		94
13) 1,4-Dichlorobenzene	8.36	146	104712	39.784	ng		98
14) 1,2-Dichlorobenzene	8.69	146	100086	38.490	ng		98
15) Benzyl Alcohol	8.57	79	104530	41.708	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.84	45	156141	35.317	ng		96
17) 2-Methylphenol	8.77	107	93841	42.384	ng		90
18) Hexachloroethane	9.41	117	37598	38.975	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	81202	35.679	ng	#	88
20) 3+4-Methylphenols	9.10	107	130878	42.261	ng		95
22) Acetophenone	9.16	105	156442	36.418	ng	#	84
24) Nitrobenzene	9.54	77	128958	37.920	ng	#	89
25) Isophorone	10.06	82	228396	36.754	ng	#	97
26) 2-Nitrophenol	10.25	139	55322	38.223	ng		93
27) 2,4-Dimethylphenol	10.30	122	109776	41.493	ng		97
28) bis(2-Chloroethoxy)methane	10.53	93	131860	39.074	ng		98
29) 2,4-Dichlorophenol	10.79	162	113962	43.293	ng		97
30) 1,2,4-Trichlorobenzene	11.01	180	114910	38.266	ng		94
31) Naphthalene	11.20	128	302221	39.387	ng		97
32) Benzoic acid	10.45	122	49934	29.293	ng		95
33) 4-Chloroaniline	11.32	127	38572	12.000	ng		92
34) Hexachlorobutadiene	11.47	225	81514	36.854	ng		98
35) Caprolactam	12.09	113	39198m	41.525	ng		
36) 4-Chloro-3-methylphenol	12.41	107	131726	38.451	ng		94
37) 2-Methylnaphthalene	12.78	142	242302	42.295	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	157500	36.953	ng	#	96
40) Hexachlorocyclopentadiene	13.12	237	154694	92.151	ng		98

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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	13.39	196	105368	38.951	ng		96
43) 2,4,5-Trichlorophenol	13.47	196	113995	41.937	ng	#	90
45) 1,1'-Biphenyl	13.77	154	328409	38.264	ng		96
46) 2-Chloronaphthalene	13.83	162	256263	40.936	ng		96
47) 2-Nitroaniline	14.03	65	96723	41.574	ng	#	88
48) Acenaphthylene	14.67	152	402677	40.263	ng		99
49) Dimethylphthalate	14.38	163	347816	40.014	ng		97
50) 2,6-Dinitrotoluene	14.51	165	81221	41.993	ng	#	78
51) Acenaphthene	15.01	154	246386	40.555	ng		99
52) 3-Nitroaniline	14.85	138	30564	17.869	ng		91
53) 2,4-Dinitrophenol	15.07	184	54174	55.840	ng		96
54) Dibenzofuran	15.34	168	418806	43.227	ng		95
55) 4-Nitrophenol	15.16	139	98989	78.992	ng	#	78
56) 2,4-Dinitrotoluene	15.31	165	116107	42.693	ng	#	85
57) Fluorene	15.99	166	357948	41.383	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	112962	47.152	ng	#	92
59) Diethylphthalate	15.74	149	358727	40.158	ng		99
60) 4-Chlorophenyl-phenylether	15.97	204	203426	41.303	ng		90
61) 4-Nitroaniline	16.02	138	74602	41.170	ng		90
62) Azobenzene	16.26	77	330700	44.018	ng		91
64) 4,6-Dinitro-2-methylphenol	16.07	198	60725	35.700	ng		97
65) n-Nitrosodiphenylamine	16.18	169	309758	40.991	ng		99
66) 4-Bromophenyl-phenylether	16.86	248	141079	41.592	ng		95
67) Hexachlorobenzene	17.00	284	150180	38.901	ng	#	87
68) Atrazine	17.13	200	133643	41.189	ng		98
69) Pentachlorophenol	17.35	266	136385	78.190	ng		100
70) Phenanthrene	17.74	178	569671m	42.259	ng		
71) Anthracene	17.83	178	586612	43.078	ng		96
72) Carbazole	18.10	167	498990	40.686	ng		94
73) Di-n-butylphthalate	18.62	149	601221	39.980	ng	#	94
74) Fluoranthene	19.73	202	704718	42.814	ng		93
76) Benzidine	19.91	184	174746	21.879	ng		98
77) Pyrene	20.10	202	730840	41.139	ng		96
79) Butylbenzylphthalate	20.96	149	279819	39.000	ng		90
80) Benzo(a)anthracene	22.01	228	762424	41.125	ng		93
81) 3,3'-Dichlorobenzidine	21.91	252	151666	20.178	ng	#	98
82) Chrysene	22.08	228	714650	40.627	ng		94
83) Bis(2-ethylhexyl)phthalate	21.85	149	387892	38.028	ng		99
84) Di-n-octyl phthalate	23.15	149	665722	37.355	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.56	276	894112	39.560	ng	#	96
87) Benzo(b)fluoranthene	24.40	252	766062m	41.705	ng		
88) Benzo(k)fluoranthene	24.48	252	766898	41.798	ng		94
89) Benzo(a)pyrene	25.35	252	742468	42.585	ng		96
90) Dibenzo(a,h)anthracene	29.60	278	746615	41.074	ng	#	97
91) Benzo(g,h,i)perylene	30.81	276	740630	41.758	ng		96

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

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