Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028745.D
Acq On : 14 Sep 2017 23:20
Operator : SJ/JU
Sample : PB102326BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102326BS

Manual Integrations APPROVED
Sohil
9/15/2017 5:45:58 PM

Quant Time: Sep 15 09:05:18 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	22275	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	97794	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	84261	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	259542	20.00	ng		0.00
75) Chrysene-d12	22.02	240	290684	20.00	ng		0.00
86) Perylene-d12	25.51	264	300565	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	131846	97.67	ng		0.00
7) Phenol-d6	7.48	99	191900	94.41	ng		0.00
23) Nitrobenzene-d5	9.50	82	174580	85.40	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	144060	103.37	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	518941	82.12	ng		0.00
78) Terphenyl-d14	20.28	244	1105860	81.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	17223	31.505	ng		89
3) Pyridine	4.23	79	52831	33.878	ng	#	92
4) n-Nitrosodimethylamine	4.14	42	28600	40.317	ng	#	64
6) Aniline	7.65	93	55914	23.637	ng		92
8) 2-Chlorophenol	7.90	128	66513	44.198	ng		88
9) Benzaldehyde	7.47	77	35195	27.910	ng		88
10) Phenol	7.51	94	96249	44.870	ng		89
11) bis(2-Chloroethyl)ether	7.74	93	58685	38.106	ng		91
12) 1,3-Dichlorobenzene	8.21	146	63789	39.364	ng		94
13) 1,4-Dichlorobenzene	8.36	146	64900	38.949	ng		92
14) 1,2-Dichlorobenzene	8.68	146	63464	38.552	ng		96
15) Benzyl Alcohol	8.56	79	70980	44.735	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.84	45	108068	38.610	ng		95
17) 2-Methylphenol	8.76	107	64408	45.950	ng	#	90
18) Hexachloroethane	9.41	117	23913	39.155	ng		92
19) n-Nitroso-di-n-propylamine	9.12	70	57158	39.670	ng	#	87
20) 3+4-Methylphenols	9.09	107	89467	45.633	ng		91
22) Acetophenone	9.15	105	106534	37.257	ng	#	88
24) Nitrobenzene	9.54	77	88941	39.290	ng		93
25) Isophorone	10.05	82	165733	40.067	ng		98
26) 2-Nitrophenol	10.25	139	37967	39.408	ng		90
27) 2,4-Dimethylphenol	10.30	122	75291	42.753	ng		98
28) bis(2-Chloroethoxy)methane	10.53	93	88485	39.392	ng		99
29) 2,4-Dichlorophenol	10.79	162	79158	45.176	ng		95
30) 1,2,4-Trichlorobenzene	11.01	180	78285	39.164	ng		96
31) Naphthalene	11.20	128	211252	41.360	ng		95
32) Benzoic acid	10.42	122	15640m	17.006	ng		
33) 4-Chloroaniline	11.31	127	38509	17.998	ng		92
34) Hexachlorobutadiene	11.47	225	52695	35.791	ng		98
35) Caprolactam	12.08	113	35503	56.503	ng		89
36) 4-Chloro-3-methylphenol	12.41	107	106904	46.880	ng		100
37) 2-Methylnaphthalene	12.78	142	170149	44.619	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	113200	32.674	ng		97
40) Hexachlorocyclopentadiene	13.11	237	90901	68.723	ng		97

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Quant Time: Sep 15 09:05:18 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	13.39	196	85413	38.843	ng		97
43) 2,4,5-Trichlorophenol	13.47	196	97211	43.996	ng	#	93
45) 1,1'-Biphenyl	13.77	154	245162	35.141	ng		94
46) 2-Chloronaphthalene	13.82	162	189955	37.330	ng		99
47) 2-Nitroaniline	14.03	65	85459	45.189	ng		89
48) Acenaphthylene	14.67	152	326131	40.117	ng		98
49) Dimethylphthalate	14.38	163	306527	43.382	ng		99
50) 2,6-Dinitrotoluene	14.51	165	72379	46.036	ng	#	74
51) Acenaphthene	15.00	154	195228	39.532	ng		90
52) 3-Nitroaniline	14.85	138	36551	26.289	ng		83
53) 2,4-Dinitrophenol	15.07	184	10384	19.282	ng		89
54) Dibenzofuran	15.34	168	357387	45.380	ng		95
55) 4-Nitrophenol	15.16	139	90434	88.780	ng	#	83
56) 2,4-Dinitrotoluene	15.31	165	106272	48.073	ng	#	89
57) Fluorene	15.99	166	315097	44.816	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.56	232	99999	51.351	ng		94
59) Diethylphthalate	15.73	149	336164	46.296	ng		97
60) 4-Chlorophenyl-phenylether	15.96	204	178056	44.475	ng		88
61) 4-Nitroaniline	16.02	138	72090	48.943	ng	#	80
62) Azobenzene	16.26	77	301276	49.334	ng		93
64) 4,6-Dinitro-2-methylphenol	16.07	198	23153	13.825	ng		88
65) n-Nitrosodiphenylamine	16.18	169	286889	38.559	ng		98
66) 4-Bromophenyl-phenylether	16.86	248	127793	38.266	ng		95
67) Hexachlorobenzene	17.00	284	140381	36.933	ng	#	81
68) Atrazine	17.13	200	130074	40.717	ng		97
69) Pentachlorophenol	17.35	266	79406	46.237	ng		98
70) Phenanthrene	17.73	178	554958	41.813	ng		95
71) Anthracene	17.83	178	566648	42.264	ng		97
72) Carbazole	18.10	167	486640	40.301	ng		95
73) Di-n-butylphthalate	18.62	149	588392	39.740	ng	#	94
74) Fluoranthene	19.73	202	687387	42.416	ng		93
76) Benzidine	19.91	184	202862	26.912	ng		97
77) Pyrene	20.09	202	706933	42.163	ng		95
79) Butylbenzylphthalate	20.96	149	265552	39.216	ng		92
80) Benzo(a)anthracene	22.00	228	729225	41.677	ng		95
81) 3,3'-Dichlorobenzidine	21.90	252	164904	23.245	ng		97
82) Chrysene	22.07	228	682087	41.085	ng		96
83) Bis(2-ethylhexyl)phthalate	21.85	149	379964	39.469	ng		97
84) Di-n-octyl phthalate	23.15	149	655810	38.990	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.56	276	868730	40.726	ng	#	96
87) Benzo(b)fluoranthene	24.40	252	730521	40.568	ng		99
88) Benzo(k)fluoranthene	24.47	252	728168	40.482	ng		95
89) Benzo(a)pyrene	25.35	252	713111	41.720	ng		96
90) Dibenzo(a,h)anthracene	29.60	278	725494	40.712	ng	#	96
91) Benzo(g,h,i)perylene	30.81	276	715341	41.141	ng		98

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

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