Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028834.D
Acq On : 20 Sep 2017 16:35
Operator : SJ/JU
Sample : PB102477BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102477BS

Manual Integrations APPROVED
Sohil
9/22/2017 3:58:13 PM

Quant Time: Sep 21 03:51:47 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	8.29	152	32389	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	138856	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	96424	20.00	ng		-0.03
63) Phenanthrene-d10	17.66	188	255347	20.00	ng		-0.03
75) Chrysene-d12	21.99	240	293656	20.00	ng		-0.04
86) Perylene-d12	25.45	264	288480	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	273773	139.47	ng		-0.04
7) Phenol-d6	7.45	99	382651	129.48	ng		-0.04
23) Nitrobenzene-d5	9.46	82	233651	80.50	ng		-0.04
41) 2,4,6-Tribromophenol	16.41	330	214123	134.26	ng		-0.03
44) 2-Fluorobiphenyl	13.53	172	617443	85.38	ng		-0.04
78) Terphenyl-d14	20.25	244	1075534	78.11	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	24694	31.066	ng		91
3) Pyridine	4.17	79	81268	35.840	ng	#	86
4) n-Nitrosodimethylamine	4.10	42	40049	38.827	ng	#	71
6) Aniline	7.62	93	116654	33.916	ng		93
8) 2-Chlorophenol	7.86	128	96919	44.292	ng		90
9) Benzaldehyde	7.43	77	38158	20.811	ng		91
10) Phenol	7.47	94	139018	44.571	ng		89
11) bis(2-Chloroethyl)ether	7.70	93	87382	39.022	ng		94
12) 1,3-Dichlorobenzene	8.18	146	93678	39.757	ng		91
13) 1,4-Dichlorobenzene	8.32	146	99692	41.146	ng		96
14) 1,2-Dichlorobenzene	8.64	146	96025	40.116	ng		94
15) Benzyl Alcohol	8.53	79	94961	41.161	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	153841	37.801	ng		95
17) 2-Methylphenol	8.73	107	86806	42.591	ng		95
18) Hexachloroethane	9.37	117	36193	40.757	ng		98
19) n-Nitroso-di-n-propylamine	9.08	70	78797	37.611	ng		88
20) 3+4-Methylphenols	9.05	107	120526	42.278	ng		96
22) Acetophenone	9.11	105	152121	37.468	ng	#	85
24) Nitrobenzene	9.50	77	121370	37.761	ng		93
25) Isophorone	10.02	82	218623	37.223	ng	#	97
26) 2-Nitrophenol	10.22	139	53180	38.875	ng	#	86
27) 2,4-Dimethylphenol	10.26	122	104083	41.625	ng		98
28) bis(2-Chloroethoxy)methane	10.49	93	126677	39.717	ng		97
29) 2,4-Dichlorophenol	10.76	162	105178	42.275	ng		94
30) 1,2,4-Trichlorobenzene	10.97	180	113951	40.149	ng		97
31) Naphthalene	11.16	128	294923	40.667	ng		98
32) Benzoic acid	10.42	122	53855	32.568	ng		84
33) 4-Chloroaniline	11.27	127	71311	23.472	ng		91
34) Hexachlorobutadiene	11.43	225	81364	38.921	ng		94
35) Caprolactam	12.05	113	35084m	39.324	ng		
36) 4-Chloro-3-methylphenol	12.37	107	126214	38.981	ng		97
37) 2-Methylnaphthalene	12.74	142	228060	42.120	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	152818	38.545	ng	#	94
40) Hexachlorocyclopentadiene	13.09	237	144650	92.595	ng		98

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Quant Time: Sep 21 03:51:47 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	13.35	196	98244	39.043	ng		98
43) 2,4,5-Trichlorophenol	13.43	196	107413	42.481	ng	#	90
45) 1,1'-Biphenyl	13.74	154	304243	38.109	ng		97
46) 2-Chloronaphthalene	13.79	162	238086	40.887	ng		97
47) 2-Nitroaniline	14.00	65	91350	42.211	ng	#	87
48) Acenaphthylene	14.63	152	382928	41.161	ng		99
49) Dimethylphthalate	14.35	163	335599	41.505	ng		97
50) 2,6-Dinitrotoluene	14.48	165	74701	41.520	ng	#	80
51) Acenaphthene	14.97	154	232651	41.168	ng		96
52) 3-Nitroaniline	14.82	138	50864	31.969	ng		89
53) 2,4-Dinitrophenol	15.04	184	63495	68.279	ng		95
54) Dibenzofuran	15.31	168	402521	44.664	ng		94
55) 4-Nitrophenol	15.13	139	95346	81.795	ng	#	75
56) 2,4-Dinitrotoluene	15.27	165	110533	43.693	ng	#	88
57) Fluorene	15.95	166	338848	42.115	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.54	232	104603	46.940	ng	#	93
59) Diethylphthalate	15.71	149	341909	41.148	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	196707	42.936	ng		89
61) 4-Nitroaniline	15.98	138	71178	42.228	ng	#	87
62) Azobenzene	16.23	77	311979	44.643	ng		92
64) 4,6-Dinitro-2-methylphenol	16.04	198	61035	37.043	ng		97
65) n-Nitrosodiphenylamine	16.15	169	292346	39.938	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	135440	41.222	ng		93
67) Hexachlorobenzene	16.97	284	142361	38.069	ng	#	90
68) Atrazine	17.10	200	129164	41.096	ng		98
69) Pentachlorophenol	17.32	266	133146	78.804	ng		98
70) Phenanthrene	17.70	178	547123	41.900	ng		95
71) Anthracene	17.80	178	561982	42.604	ng		96
72) Carbazole	18.06	167	484254	40.762	ng	#	93
73) Di-n-butylphthalate	18.59	149	576580	39.582	ng	#	94
74) Fluoranthene	19.71	202	667184	41.846	ng		92
76) Benzidine	19.88	184	207461	27.243	ng		97
77) Pyrene	20.07	202	699497	41.297	ng		95
79) Butylbenzylphthalate	20.93	149	265174	38.764	ng		89
80) Benzo(a)anthracene	21.96	228	717059	40.567	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	206379	28.797	ng	#	97
82) Chrysene	22.03	228	667643	39.808	ng		95
83) Bis(2-ethylhexyl)phthalate	21.82	149	366214	37.656	ng		99
84) Di-n-octyl phthalate	23.11	149	637036	37.491	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	839583	38.961	ng	#	95
87) Benzo(b)fluoranthene	24.35	252	718163	41.552	ng		95
88) Benzo(k)fluoranthene	24.42	252	708812	41.057	ng		96
89) Benzo(a)pyrene	25.29	252	708823	43.207	ng		95
90) Dibenzo(a,h)anthracene	29.50	278	691771	40.446	ng		99
91) Benzo(g,h,i)perylene	30.69	276	684613	41.023	ng		99

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

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