Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033096.D
Acq On : 12 Mar 2018 19:19
Operator : SJ/JU
Sample : PB107235BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107235BS

Manual Integrations APPROVED
Sohil
3/13/2018 4:20:30 PM

Quant Time: Mar 13 04:09:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	38651	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	180515	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	113857	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	270463	20.00	ng		0.00
75) Chrysene-d12	22.60	240	262723	20.00	ng		0.00
86) Perylene-d12	26.40	264	289198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	272249	112.69	ng		0.00
7) Phenol-d6	8.01	99	371027	110.18	ng		0.00
23) Nitrobenzene-d5	10.11	82	220698	84.86	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	141099	117.86	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	495076	62.71	ng		0.00
78) Terphenyl-d14	20.77	244	778844	66.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	31286	29.839	ng		96
3) Pyridine	4.42	79	90267	31.236	ng		89
4) n-Nitrosodimethylamine	4.32	42	49578	42.790	ng	#	81
6) Aniline	8.19	93	45267	9.931	ng		96
8) 2-Chlorophenol	8.45	128	99869	37.767	ng		96
9) Benzaldehyde	8.01	77	47922	24.692	ng		94
10) Phenol	8.04	94	130280	38.379	ng		98
11) bis(2-Chloroethyl)ether	8.29	93	87692	31.592	ng		97
12) 1,3-Dichlorobenzene	8.79	146	97280	31.409	ng		96
13) 1,4-Dichlorobenzene	8.95	146	97929	31.411	ng		98
14) 1,2-Dichlorobenzene	9.28	146	94282	31.559	ng		94
15) Benzyl Alcohol	9.14	79	89029	35.963	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.43	45	175380	36.754	ng		99
17) 2-Methylphenol	9.33	107	87469	34.943	ng		97
18) Hexachloroethane	10.04	117	36154	34.060	ng		86
19) n-Nitroso-di-n-propylamine	9.72	70	75638	31.816	ng		91
20) 3+4-Methylphenols	9.67	107	120164	34.525	ng		94
22) Acetophenone	9.75	105	141643	31.070	ng	#	96
24) Nitrobenzene	10.15	77	109416	39.336	ng		94
25) Isophorone	10.67	82	205500	32.434	ng		96
26) 2-Nitrophenol	10.88	139	49390	48.503	ng		97
27) 2,4-Dimethylphenol	10.91	122	106005	38.513	ng		93
28) bis(2-Chloroethoxy)methane	11.15	93	121640	32.955	ng		98
29) 2,4-Dichlorophenol	11.42	162	93554	37.450	ng		93
30) 1,2,4-Trichlorobenzene	11.65	180	90425	30.880	ng		98
31) Naphthalene	11.85	128	301483	31.962	ng		98
32) Benzoic acid	11.00	122	50076	34.119	ng	#	85
33) 4-Chloroaniline	11.93	127	43255	10.256	ng		95
34) Hexachlorobutadiene	12.11	225	49849	30.349	ng		96
35) Caprolactam	12.67	113	36589	36.579	ng		96
36) 4-Chloro-3-methylphenol	12.99	107	114401	39.353	ng		94
37) 2-Methylnaphthalene	13.39	142	224990	32.969	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	99629	29.477	ng	#	97
40) Hexachlorocyclopentadiene	13.72	237	116325	67.532	ng		91

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	72977	34.238	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	83146	33.704	ng	#	95
45) 1,1'-Biphenyl	14.36	154	284343	28.579	ng		97
46) 2-Chloronaphthalene	14.42	162	216845	29.177	ng		97
47) 2-Nitroaniline	14.60	65	80656	44.050	ng		95
48) Acenaphthylene	15.26	152	363946	29.910	ng		99
49) Dimethylphthalate	14.94	163	290719	30.072	ng		99
50) 2,6-Dinitrotoluene	15.07	165	63160	41.053	ng		97
51) Acenaphthene	15.58	154	231551	30.556	ng		98
52) 3-Nitroaniline	15.41	138	37140	23.357	ng	#	84
53) 2,4-Dinitrophenol	15.61	184	30361	64.945	ng	#	72
54) Dibenzofuran	15.91	168	339404	31.455	ng		92
55) 4-Nitrophenol	15.68	139	94466	61.470	ng		90
56) 2,4-Dinitrotoluene	15.85	165	90555	48.617	ng	#	84
57) Fluorene	16.56	166	277675	31.179	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	73261m	38.250	ng		
59) Diethylphthalate	16.28	149	316093	31.000	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	140279	32.199	ng		91
61) 4-Nitroaniline	16.55	138	62831	32.006	ng		88
62) Azobenzene	16.82	77	295912	32.439	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	31310	42.090	ng		96
65) n-Nitrosodiphenylamine	16.74	169	258912	29.427	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	86638	30.294	ng	#	88
67) Hexachlorobenzene	17.55	284	91343	29.556	ng	#	92
68) Atrazine	17.66	200	90604	31.284	ng		94
69) Pentachlorophenol	17.89	266	106863	54.895	ng		97
70) Phenanthrene	18.29	178	455413	30.181	ng		98
71) Anthracene	18.39	178	467087	30.833	ng		99
72) Carbazole	18.64	167	425421	28.491	ng		97
73) Di-n-butylphthalate	19.13	149	546532	29.836	ng		100
74) Fluoranthene	20.24	202	517737	31.062	ng		96
76) Benzidine	20.40	184	77464	8.650	ng		98
77) Pyrene	20.60	202	523807	28.272	ng		99
79) Butylbenzylphthalate	21.46	149	251925	30.669	ng		94
80) Benzo(a)anthracene	22.58	228	500562	29.712	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	66208	10.611	ng	#	98
82) Chrysene	22.66	228	470895	29.260	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	362290	29.795	ng	#	94
84) Di-n-octyl phthalate	23.81	149	619722	33.438	ng		99
85) Indeno(1,2,3-cd)pyrene	30.80	276	504984	26.906	ng	#	94
87) Benzo(b)fluoranthene	25.18	252	501179	29.310	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	501533	29.512	ng	#	98
89) Benzo(a)pyrene	26.22	252	479376	29.475	ng	#	97
90) Dibenzo(a,h)anthracene	30.89	278	405426	24.765	ng	#	96
91) Benzo(g,h,i)perylene	32.19	276	439651	27.244	ng	#	96

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

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