Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
Data File : BG033228.D
Acq On : 17 Mar 2018 11:15
Operator : SJ/JU
Sample : PB107416BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107416BS

Manual Integrations APPROVED
Sohil
3/19/2018 2:21:33 PM

Quant Time: Mar 19 12:53:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	34661	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	141012	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	112620	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	309941	20.00	ng		0.00
75) Chrysene-d12	22.60	240	322026	20.00	ng		0.00
86) Perylene-d12	26.40	264	347565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	269415	124.35	ng		0.00
7) Phenol-d6	8.00	99	405056	134.13	ng		0.00
23) Nitrobenzene-d5	10.09	82	256463	121.41	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	225383	190.33	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	632655	81.02	ng		0.00
78) Terphenyl-d14	20.76	244	1264088	88.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	29213	31.069	ng	#	82
3) Pyridine	4.41	79	81838	31.579	ng		95
4) n-Nitrosodimethylamine	4.31	42	44296	42.633	ng	#	85
6) Aniline	8.19	93	56307	13.775	ng		99
8) 2-Chlorophenol	8.44	128	88333	37.250	ng		95
9) Benzaldehyde	8.00	77	37437	21.510	ng		92
10) Phenol	8.03	94	129553	42.558	ng		89
11) bis(2-Chloroethyl)ether	8.27	93	85980	34.541	ng		97
12) 1,3-Dichlorobenzene	8.78	146	91348	32.889	ng		96
13) 1,4-Dichlorobenzene	8.93	146	87962	31.462	ng		94
14) 1,2-Dichlorobenzene	9.26	146	86902	32.437	ng		97
15) Benzyl Alcohol	9.13	79	95654	43.087	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.41	45	144295	33.720	ng		90
17) 2-Methylphenol	9.33	107	82465m	36.737	ng		
18) Hexachloroethane	10.01	117	35585	37.383	ng		93
19) n-Nitroso-di-n-propylamine	9.70	70	78236	36.698	ng		96
20) 3+4-Methylphenols	9.67	107	116682	37.384	ng		89
22) Acetophenone	9.74	105	141712	39.793	ng	#	98
24) Nitrobenzene	10.14	77	124205	54.271	ng		98
25) Isophorone	10.66	82	230908	46.653	ng		100
26) 2-Nitrophenol	10.87	139	52392	60.370	ng	#	85
27) 2,4-Dimethylphenol	10.90	122	88770	41.287	ng		90
28) bis(2-Chloroethoxy)methane	11.14	93	124936	43.330	ng		96
29) 2,4-Dichlorophenol	11.41	162	101172	51.845	ng		97
30) 1,2,4-Trichlorobenzene	11.63	180	103000	45.028	ng		97
31) Naphthalene	11.83	128	271773	36.884	ng		99
32) Benzoic acid	11.01	122	68302m	50.024	ng		
33) 4-Chloroaniline	11.93	127	50323	15.274	ng	#	91
34) Hexachlorobutadiene	12.09	225	71560	55.772	ng		93
35) Caprolactam	12.67	113	37330	47.775	ng		98
36) 4-Chloro-3-methylphenol	12.99	107	135922	59.854	ng		94
37) 2-Methylnaphthalene	13.38	142	212355	39.835	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	140451	42.011	ng		98
40) Hexachlorocyclopentadiene	13.71	237	174084	102.174	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	100261	47.555	ng		97
43) 2,4,5-Trichlorophenol	14.04	196	108516	44.471	ng		97
45) 1,1'-Biphenyl	14.35	154	306873	31.182	ng		97
46) 2-Chloronaphthalene	14.41	162	239354	32.559	ng		100
47) 2-Nitroaniline	14.60	65	100860	53.090	ng		99
48) Acenaphthylene	15.25	152	401436	33.354	ng		98
49) Dimethylphthalate	14.94	163	366394	38.316	ng		99
50) 2,6-Dinitrotoluene	15.07	165	79180	49.651	ng		98
51) Acenaphthene	15.58	154	298104	39.770	ng		96
52) 3-Nitroaniline	15.41	138	43507	26.271	ng	#	93
53) 2,4-Dinitrophenol	15.61	184	83645	133.517	ng	#	78
54) Dibenzofuran	15.91	168	402707	37.731	ng		92
55) 4-Nitrophenol	15.69	139	120965	77.492	ng	#	85
56) 2,4-Dinitrotoluene	15.85	165	118982	60.062	ng		98
57) Fluorene	16.55	166	346156	39.295	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.12	232	122738	64.786	ng		94
59) Diethylphthalate	16.28	149	368988	36.584	ng		97
60) 4-Chlorophenyl-phenylether	16.52	204	193453	44.892	ng		99
61) 4-Nitroaniline	16.56	138	68819	34.873	ng		86
62) Azobenzene	16.82	77	370389	41.050	ng		99
64) 4,6-Dinitro-2-methylphenol	16.61	198	66964	64.952	ng		88
65) n-Nitrosodiphenylamine	16.73	169	326024	32.335	ng		95
66) 4-Bromophenyl-phenylether	17.42	248	133467	40.725	ng		96
67) Hexachlorobenzene	17.54	284	135017	38.123	ng		94
68) Atrazine	17.66	200	134799	40.616	ng		98
69) Pentachlorophenol	17.88	266	192919	86.479	ng		98
70) Phenanthrene	18.29	178	603514	34.902	ng		99
71) Anthracene	18.38	178	616996	35.541	ng		98
72) Carbazole	18.63	167	540158	31.568	ng	#	97
73) Di-n-butylphthalate	19.13	149	624244	29.737	ng	#	98
74) Fluoranthene	20.24	202	774750	40.561	ng		98
76) Benzidine	20.40	184	184074	16.769	ng		100
77) Pyrene	20.60	202	782050	34.437	ng		98
79) Butylbenzylphthalate	21.46	149	291398	28.941	ng		94
80) Benzo(a)anthracene	22.58	228	774429	37.503	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	148002	19.352	ng		94
82) Chrysene	22.66	228	724146	36.710	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	391423	26.263	ng		97
84) Di-n-octyl phthalate	23.81	149	677360	29.817	ng		98
85) Indeno(1,2,3-cd)pyrene	30.82	276	858813	37.332	ng	#	87
87) Benzo(b)fluoranthene	25.18	252	749678	36.480	ng	#	96
88) Benzo(k)fluoranthene	25.26	252	754336	36.934	ng	#	97
89) Benzo(a)pyrene	26.22	252	738235	37.769	ng	#	96
90) Dibenzo(a,h)anthracene	30.90	278	713348	36.257	ng	#	95
91) Benzo(g,h,i)perylene	32.22	276	714247	36.827	ng	#	94

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

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