Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033157.D
Acq On : 14 Mar 2018 21:33
Operator : SJ/JU
Sample : PB107354BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107354BS

Manual Integrations APPROVED
Sohil
3/15/2018 7:00:07 PM

Quant Time: Mar 15 11:12:20 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	8.89	152	35458	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	163188	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	100766	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	246907	20.00	ng		0.00
75) Chrysene-d12	22.60	240	228407	20.00	ng		0.00
86) Perylene-d12	26.40	264	243980	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	282164	127.31	ng		0.00
7) Phenol-d6	8.01	99	366949	118.78	ng		0.00
23) Nitrobenzene-d5	10.10	82	223470	93.86	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	171427	161.80	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	540238	77.32	ng		0.00
78) Terphenyl-d14	20.76	244	886484	87.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	27599	28.693	ng	#	91
3) Pyridine	4.41	79	81457	30.725	ng		88
4) n-Nitrosodimethylamine	4.31	42	48626	45.748	ng	#	78
6) Aniline	8.19	93	62566	14.962	ng		98
8) 2-Chlorophenol	8.45	128	98727	40.697	ng		97
9) Benzaldehyde	7.99	77	39096	21.958	ng		93
10) Phenol	8.04	94	124420	39.953	ng		96
11) bis(2-Chloroethyl)ether	8.28	93	84496	33.182	ng		96
12) 1,3-Dichlorobenzene	8.78	146	96503	33.964	ng		98
13) 1,4-Dichlorobenzene	8.93	146	98413	34.409	ng		97
14) 1,2-Dichlorobenzene	9.26	146	92950	33.914	ng		94
15) Benzyl Alcohol	9.13	79	86317	38.007	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	166384	38.008	ng		99
17) 2-Methylphenol	9.33	107	83759	36.475	ng		97
18) Hexachloroethane	10.02	117	35237	36.185	ng		89
19) n-Nitroso-di-n-propylamine	9.71	70	73468	33.686	ng	#	88
20) 3+4-Methylphenols	9.67	107	117787	36.890	ng		95
22) Acetophenone	9.74	105	136414	33.100	ng	#	97
24) Nitrobenzene	10.14	77	106760	41.950	ng		95
25) Isophorone	10.66	82	205255	35.835	ng		95
26) 2-Nitrophenol	10.87	139	58425	58.799	ng		97
27) 2,4-Dimethylphenol	10.90	122	104799	42.118	ng		95
28) bis(2-Chloroethoxy)methane	11.14	93	120138	36.004	ng		98
29) 2,4-Dichlorophenol	11.41	162	100513	44.508	ng		92
30) 1,2,4-Trichlorobenzene	11.64	180	91701	34.641	ng		98
31) Naphthalene	11.84	128	301043	35.304	ng		99
32) Benzoic acid	10.90	122	104799	60.591	ng	#	7
33) 4-Chloroaniline	11.93	127	61924	16.241	ng		98
34) Hexachlorobutadiene	12.09	225	55493	37.372	ng		96
35) Caprolactam	12.67	113	39093	43.232	ng		98
36) 4-Chloro-3-methylphenol	12.99	107	120242	45.754	ng		94
37) 2-Methylnaphthalene	13.39	142	228013	36.960	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	104761	35.022	ng	#	97
40) Hexachlorocyclopentadiene	13.71	237	131903	86.524	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	88532	46.932	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	94344	43.212	ng	#	92
45) 1,1'-Biphenyl	14.36	154	289085	32.830	ng		99
46) 2-Chloronaphthalene	14.41	162	220671	33.549	ng		96
47) 2-Nitroaniline	14.60	65	85241	50.693	ng		95
48) Acenaphthylene	15.25	152	377278	35.034	ng		98
49) Dimethylphthalate	14.94	163	308646	36.074	ng		100
50) 2,6-Dinitrotoluene	15.07	165	67259	47.588	ng		99
51) Acenaphthene	15.58	154	224558	33.482	ng		97
52) 3-Nitroaniline	15.41	138	50363	31.772	ng	#	86
54) Dibenzofuran	15.91	168	358623	37.554	ng		93
55) 4-Nitrophenol	15.69	139	103530	74.433	ng		95
56) 2,4-Dinitrotoluene	15.85	165	95931	55.581	ng		92
57) Fluorene	16.55	166	290178	36.816	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	70183	41.403	ng		92
59) Diethylphthalate	16.28	149	336326	37.269	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	150415	39.011	ng		92
61) 4-Nitroaniline	16.56	138	71854	39.809	ng		97
62) Azobenzene	16.82	77	298056	36.919	ng		95
64) 4,6-Dinitro-2-methylphenol	16.62	198	1140	6.893	ng		85
65) n-Nitrosodiphenylamine	16.74	169	271758	33.833	ng		98
66) 4-Bromophenyl-phenylether	17.42	248	96061	36.794	ng	#	87
67) Hexachlorobenzene	17.55	284	104388	36.999	ng	#	92
68) Atrazine	17.66	200	99370	37.584	ng		97
69) Pentachlorophenol	17.89	266	18489	10.404	ng		95
70) Phenanthrene	18.29	178	484031	35.138	ng		99
71) Anthracene	18.38	178	496261	35.885	ng		99
72) Carbazole	18.63	167	455930	33.448	ng		98
73) Di-n-butylphthalate	19.13	149	574587	34.360	ng		99
74) Fluoranthene	20.24	202	558358	36.695	ng		98
76) Benzidine	20.40	184	146163	18.773	ng		98
77) Pyrene	20.60	202	558279	34.660	ng		99
79) Butylbenzylphthalate	21.46	149	256903	35.973	ng		95
80) Benzo(a)anthracene	22.58	228	531075	36.259	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	111923	20.633	ng	#	97
82) Chrysene	22.66	228	494179	35.321	ng		97
83) Bis(2-ethylhexyl)phthalate	22.40	149	351132	33.216	ng		96
84) Di-n-octyl phthalate	23.81	149	594334	36.886	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	602738	36.939	ng	#	87
87) Benzo(b)fluoranthene	25.18	252	522183	36.198	ng		98
88) Benzo(k)fluoranthene	25.26	252	522800	36.465	ng		98
89) Benzo(a)pyrene	26.23	252	509243	37.114	ng		97
90) Dibenzo(a,h)anthracene	30.90	278	509922	36.921	ng		97
91) Benzo(g,h,i)perylene	32.22	276	503601	36.990	ng		97

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

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