Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031354.D
Acq On : 4 Dec 2017 19:53
Operator : SJ/JU
Sample : PB104664BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB104664BS

Manual Integrations APPROVED
Sohil
12/5/2017 3:26:45 PM

Quant Time: Dec 05 05:00:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57096	20.00	ng		-0.03
21) Naphthalene-d8	10.94	136	250265	20.00	ng		-0.03
38) Acenaphthene-d10	14.75	164	166247	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	437308	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	511315	20.00	ng		-0.02
86) Perylene-d12	25.06	264	512685	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	520225	156.24	ng		-0.02
7) Phenol-d6	7.30	99	659432	147.00	ng		0.00
23) Nitrobenzene-d5	9.29	82	374333	88.63	ng		-0.03
41) 2,4,6-Tribromophenol	16.24	330	320849	119.30	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	1092926	94.46	ng		-0.03
78) Terphenyl-d14	20.08	244	2042164	88.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	55742	41.25	ng	#	82
3) Pyridine	3.94	79	150115	38.27	ng		89
4) n-Nitrosodimethylamine	3.85	42	70803	38.08	ng	#	88
6) Aniline	7.45	93	106337	18.01	ng		96
8) 2-Chlorophenol	7.70	128	182332	49.62	ng		87
9) Benzaldehyde	7.26	77	66178	21.08	ng		87
10) Phenol	7.33	94	222749	47.82	ng		94
11) bis(2-Chloroethyl)ether	7.54	93	155777	41.88	ng		88
12) 1,3-Dichlorobenzene	8.01	146	189076	43.86	ng		96
13) 1,4-Dichlorobenzene	8.16	146	193913	44.39	ng		96
14) 1,2-Dichlorobenzene	8.48	146	186636	44.51	ng		97
15) Benzyl Alcohol	8.37	79	144713	40.22	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	227701	55.42	ng		92
17) 2-Methylphenol	8.58	107	148469	45.77	ng		93
18) Hexachloroethane	9.21	117	66079	43.46	ng		91
19) n-Nitroso-di-n-propylamine	8.93	70	121928	35.75	ng	#	93
20) 3+4-Methylphenols	8.91	107	206723	44.81	ng		93
22) Acetophenone	8.95	105	242962	38.99	ng	#	93
24) Nitrobenzene	9.34	77	183527	42.54	ng	#	89
25) Isophorone	9.86	82	340696	41.36	ng	#	92
26) 2-Nitrophenol	10.05	139	103358	45.96	ng	#	85
27) 2,4-Dimethylphenol	10.11	122	168871	50.58	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	218962	42.21	ng	#	94
29) 2,4-Dichlorophenol	10.60	162	194160	48.43	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	214350	44.78	ng		96
31) Naphthalene	10.99	128	530325	43.11	ng		98
32) Benzoic acid	10.27	122	79072m	30.74	ng		
33) 4-Chloroaniline	11.12	127	59144	10.98	ng	#	90
34) Hexachlorobutadiene	11.27	225	139025	41.88	ng		97
35) Caprolactam	11.87	113	66313m	40.49	ng		
36) 4-Chloro-3-methylphenol	12.23	107	191094	43.80	ng	#	89
37) 2-Methylnaphthalene	12.59	142	416552	43.86	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	257500	39.03	ng		96
40) Hexachlorocyclopentadiene	12.93	237	221827	89.45	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	173931	46.11	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	189590	45.94	ng	#	93
45) 1,1'-Biphenyl	13.58	154	546525	39.64	ng		97
46) 2-Chloronaphthalene	13.63	162	453592	45.60	ng		96
47) 2-Nitroaniline	13.84	65	121217	41.12	ng	#	76
48) Acenaphthylene	14.48	152	691703	42.49	ng		99
49) Dimethylphthalate	14.20	163	605703	42.14	ng		99
50) 2,6-Dinitrotoluene	14.32	165	138995	46.91	ng	#	74
51) Acenaphthene	14.81	154	430972	42.39	ng		99
52) 3-Nitroaniline	14.66	138	63306	20.12	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	106039	66.15	ng	#	47
54) Dibenzofuran	15.15	168	719326	44.42	ng		99
55) 4-Nitrophenol	14.99	139	189158	84.41	ng	#	74
56) 2,4-Dinitrotoluene	15.12	165	202184	47.20	ng	#	71
57) Fluorene	15.79	166	575995	43.81	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	188547	47.93	ng	#	89
59) Diethylphthalate	15.55	149	605166	41.45	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	345715	43.54	ng		91
61) 4-Nitroaniline	15.82	138	146425	43.96	ng		86
62) Azobenzene	16.07	77	478975	43.01	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	100230	34.48	ng	#	74
65) n-Nitrosodiphenylamine	15.99	169	540081	40.76	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	228658	41.28	ng		97
67) Hexachlorobenzene	16.80	284	234424	39.83	ng		95
68) Atrazine	16.94	200	232812	42.58	ng		98
69) Pentachlorophenol	17.15	266	218592	67.19	ng		97
70) Phenanthrene	17.53	178	1006955	44.22	ng		99
71) Anthracene	17.63	178	1032690	45.26	ng		99
72) Carbazole	17.90	167	952761	44.57	ng		99
73) Di-n-butylphthalate	18.43	149	1093092	41.65	ng		99
74) Fluoranthene	19.54	202	1339514	46.46	ng		98
76) Benzidine	19.71	184	383951	23.38	ng		97
77) Pyrene	19.89	202	1374558	45.30	ng		96
79) Butylbenzylphthalate	20.76	149	535532	44.27	ng	#	83
80) Benzo(a)anthracene	21.75	228	1378075	43.39	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	289960	22.62	ng	#	99
82) Chrysene	21.82	228	1315436	44.77	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	744373	42.63	ng		99
84) Di-n-octyl phthalate	22.84	149	1269477	44.66	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.84	276	1539685	43.11	ng	#	80
87) Benzo(b)fluoranthene	24.01	252	1379482	44.48	ng		99
88) Benzo(k)fluoranthene	24.08	252	1371446	44.62	ng		97
89) Benzo(a)pyrene	24.91	252	1351005	45.86	ng		98
90) Dibenzo(a,h)anthracene	28.90	278	1284891	42.67	ng		98
91) Benzo(g,h,i)perylene	30.03	276	1260435	43.13	ng		98

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

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