Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031258.D
Acq On : 28 Nov 2017 19:14
Operator : SJ/JU
Sample : PB104568BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104568BS

Manual Integrations APPROVED
Sohil
11/29/2017 4:30:07 PM

Quant Time: Nov 29 07:12:08 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	55351	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	245586	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	168562	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	456961	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	520677	20.00	ng		-0.01
86) Perylene-d12	25.07	264	522366	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	386393	119.70	ng		-0.02
7) Phenol-d6	7.29	99	524287	120.56	ng		-0.01
23) Nitrobenzene-d5	9.30	82	308129	74.35	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	280836	102.99	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	927145	79.03	ng		-0.02
78) Terphenyl-d14	20.09	244	1792147	76.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	39902	30.461	ng	#	83
3) Pyridine	3.95	79	54164	14.243	ng		86
4) n-Nitrosodimethylamine	3.86	42	56604	31.406	ng	#	87
6) Aniline	7.45	93	151026	26.389	ng		94
8) 2-Chlorophenol	7.69	128	143252	40.215	ng		90
9) Benzaldehyde	7.27	77	69030	22.684	ng		90
10) Phenol	7.32	94	187918	41.610	ng		91
11) bis(2-Chloroethyl)ether	7.54	93	130026	36.059	ng		89
12) 1,3-Dichlorobenzene	8.02	146	152251	36.429	ng		97
13) 1,4-Dichlorobenzene	8.16	146	153214	36.177	ng		98
14) 1,2-Dichlorobenzene	8.49	146	147855	36.373	ng		95
15) Benzyl Alcohol	8.37	79	125119	35.869	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	193515	48.586	ng		91
17) 2-Methylphenol	8.58	107	127040	40.396	ng		95
18) Hexachloroethane	9.22	117	52823	35.836	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	109360	33.074	ng	#	94
20) 3+4-Methylphenols	8.90	107	175751	39.302	ng		93
22) Acetophenone	8.95	105	211082	34.520	ng	#	92
24) Nitrobenzene	9.34	77	158570	37.455	ng	#	91
25) Isophorone	9.86	82	315716	39.060	ng	#	92
26) 2-Nitrophenol	10.06	139	87417	39.614	ng	#	85
27) 2,4-Dimethylphenol	10.11	122	146066	44.585	ng		95
28) bis(2-Chloroethoxy)methane	10.34	93	193371	37.985	ng		95
29) 2,4-Dichlorophenol	10.60	162	167469	42.570	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	178728	38.053	ng		97
31) Naphthalene	11.00	128	454043	37.609	ng		98
32) Benzoic acid	10.23	122	25145	13.790	ng	#	82
33) 4-Chloroaniline	11.11	127	137848	26.083	ng		92
34) Hexachlorobutadiene	11.27	225	112196	34.444	ng		97
35) Caprolactam	11.87	113	64239m	39.973	ng		
36) 4-Chloro-3-methylphenol	12.23	107	176042	41.115	ng		87
37) 2-Methylnaphthalene	12.59	142	365756	39.245	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	217425	32.499	ng		96
40) Hexachlorocyclopentadiene	12.93	237	162815	67.693	ng		92

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Quant Time: Nov 29 07:12:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	153970	40.259	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	160785	38.424	ng	#	94
45) 1,1'-Biphenyl	13.59	154	486954	34.838	ng		97
46) 2-Chloronaphthalene	13.63	162	398437	39.508	ng		96
47) 2-Nitroaniline	13.84	65	116337	38.920	ng	#	79
48) Acenaphthylene	14.48	152	622547	37.716	ng		99
49) Dimethylphthalate	14.20	163	642741	44.100	ng		99
50) 2,6-Dinitrotoluene	14.33	165	127633	42.487	ng	#	74
51) Acenaphthene	14.82	154	386156	37.459	ng		98
52) 3-Nitroaniline	14.66	138	93856	29.425	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	138725	83.651	ng	#	46
54) Dibenzofuran	15.15	168	646784	39.390	ng		100
55) 4-Nitrophenol	14.99	139	197066	86.730	ng	#	77
56) 2,4-Dinitrotoluene	15.12	165	188278	43.353	ng	#	72
57) Fluorene	15.80	166	528944	39.678	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.38	232	172952	43.366	ng	#	89
59) Diethylphthalate	15.56	149	578605	39.083	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	306979	38.129	ng		93
61) 4-Nitroaniline	15.83	138	142712	42.252	ng		89
62) Azobenzene	16.08	77	448404	39.715	ng		91
64) 4,6-Dinitro-2-methylphenol	15.88	198	110299	36.314	ng		80
65) n-Nitrosodiphenylamine	16.00	169	499228	36.053	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	207692	35.886	ng		97
67) Hexachlorobenzene	16.81	284	211447	34.384	ng		94
68) Atrazine	16.94	200	219967	38.501	ng		97
69) Pentachlorophenol	17.15	266	221663	65.208	ng		98
70) Phenanthrene	17.54	178	920382	38.684	ng		99
71) Anthracene	17.63	178	949517	39.828	ng		99
72) Carbazole	17.90	167	886848	39.701	ng		99
73) Di-n-butylphthalate	18.43	149	1052989	38.392	ng		99
74) Fluoranthene	19.54	202	1223349	40.610	ng		97
76) Benzidine	19.71	184	337061	20.153	ng		99
77) Pyrene	19.90	202	1258930	40.746	ng		97
79) Butylbenzylphthalate	20.76	149	491359	39.886	ng	#	83
80) Benzo(a)anthracene	21.75	228	1251091	38.683	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	329196	25.215	ng		95
82) Chrysene	21.82	228	1176872	39.337	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	691110	38.864	ng		100
84) Di-n-octyl phthalate	22.85	149	1173862	40.558	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1381129	37.973	ng	#	79
87) Benzo(b)fluoranthene	24.02	252	1229475	38.910	ng		98
88) Benzo(k)fluoranthene	24.09	252	1233377	39.380	ng		98
89) Benzo(a)pyrene	24.92	252	1206942	40.208	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1153379	37.592	ng		98
91) Benzo(g,h,i)perylene	30.06	276	1150023	38.620	ng		99

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

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