Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028813.D
Acq On : 19 Sep 2017 3:03
Operator : SJ/JU
Sample : I5250-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-091417MS

Manual Integrations APPROVED
Sohil
9/19/2017 5:32:56 PM

Quant Time: Sep 19 04:56:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	31552	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	128613	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	97461	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	278093	20.00	ng		-0.03
75) Chrysene-d12	21.99	240	329244	20.00	ng		-0.04
86) Perylene-d12	25.45	264	328952	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	244374	127.80	ng		-0.04
7) Phenol-d6	7.45	99	316552	109.95	ng		-0.04
23) Nitrobenzene-d5	9.46	82	226993	84.43	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	235554	146.13	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	602595	82.44	ng		-0.04
78) Terphenyl-d14	20.25	244	1193003	77.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	28743	37.119	ng		97
3) Pyridine	4.19	79	83676	37.881	ng	#	86
4) n-Nitrosodimethylamine	4.10	42	44107	43.896	ng	#	71
6) Aniline	7.62	93	83169	24.822	ng		95
8) 2-Chlorophenol	7.86	128	94182	44.183	ng		91
9) Benzaldehyde	7.43	77	37429	20.955	ng		91
10) Phenol	7.47	94	121136	39.868	ng		86
11) bis(2-Chloroethyl)ether	7.70	93	89569	41.060	ng		92
12) 1,3-Dichlorobenzene	8.18	146	94658	41.239	ng		91
13) 1,4-Dichlorobenzene	8.32	146	100592	42.619	ng		98
14) 1,2-Dichlorobenzene	8.64	146	97094	41.639	ng		93
15) Benzyl Alcohol	8.53	79	99843	44.425	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	8.81	45	160144	40.393	ng		94
17) 2-Methylphenol	8.73	107	85181	42.902	ng		93
18) Hexachloroethane	9.37	117	35393	40.913	ng	#	76
19) n-Nitroso-di-n-propylamine	9.08	70	83510	40.918	ng		88
20) 3+4-Methylphenols	9.06	107	119986	43.205	ng		95
22) Acetophenone	9.11	105	154760	41.154	ng	#	85
24) Nitrobenzene	9.50	77	128497	43.162	ng		93
25) Isophorone	10.02	82	230579	42.386	ng		98
26) 2-Nitrophenol	10.22	139	52169	41.174	ng		95
27) 2,4-Dimethylphenol	10.27	122	98833	42.673	ng		100
28) bis(2-Chloroethoxy)methane	10.49	93	129868	43.960	ng		98
29) 2,4-Dichlorophenol	10.76	162	105862	45.939	ng		93
30) 1,2,4-Trichlorobenzene	10.96	180	114780	43.662	ng		96
31) Naphthalene	11.16	128	305706	45.511	ng		97
32) Benzoic acid	10.42	122	45975	30.493	ng	#	85
33) 4-Chloroaniline	11.29	127	19051	6.770	ng	#	89
34) Hexachlorobutadiene	11.43	225	79641	41.131	ng		99
35) Caprolactam	12.05	113	36416m	44.068	ng		
36) 4-Chloro-3-methylphenol	12.38	107	132553	44.199	ng		97
37) 2-Methylnaphthalene	12.75	142	237727	47.402	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	153853	38.393	ng	#	97
40) Hexachlorocyclopentadiene	13.08	237	131105	83.816	ng		97

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Quant Time: Sep 19 04:56:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	108095	42.501	ng		95
43) 2,4,5-Trichlorophenol	13.43	196	119977	46.945	ng	#	91
45) 1,1'-Biphenyl	13.74	154	323053	40.034	ng		99
46) 2-Chloronaphthalene	13.79	162	255398	43.393	ng		99
47) 2-Nitroaniline	14.00	65	103448	47.293	ng		87
48) Acenaphthylene	14.63	152	412384	43.856	ng		97
49) Dimethylphthalate	14.36	163	384151	47.005	ng		99
50) 2,6-Dinitrotoluene	14.48	165	87735	48.246	ng	#	76
51) Acenaphthene	14.97	154	250756	43.899	ng		93
52) 3-Nitroaniline	14.82	138	45378	28.218	ng		90
53) 2,4-Dinitrophenol	15.04	184	53698	58.436	ng		94
54) Dibenzofuran	15.31	168	454863	49.935	ng		93
55) 4-Nitrophenol	15.13	139	102431	86.938	ng	#	84
56) 2,4-Dinitrotoluene	15.27	165	130525	51.047	ng	#	87
57) Fluorene	15.95	166	386267	47.498	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	125151	55.563	ng	#	92
59) Diethylphthalate	15.71	149	402868	47.968	ng		99
60) 4-Chlorophenyl-phenylether	15.94	204	223960	48.364	ng		90
61) 4-Nitroaniline	15.98	138	86273	50.639	ng	#	78
62) Azobenzene	16.23	77	365405	51.731	ng		91
64) 4,6-Dinitro-2-methylphenol	16.04	198	59475	33.144	ng		97
65) n-Nitrosodiphenylamine	16.15	169	345931	43.393	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	159953	44.701	ng		94
67) Hexachlorobenzene	16.96	284	170546	41.876	ng	#	87
68) Atrazine	17.10	200	156449	45.706	ng		98
69) Pentachlorophenol	17.31	266	148395	80.645	ng		95
70) Phenanthrene	17.70	178	670056	47.117	ng		95
71) Anthracene	17.79	178	675479	47.020	ng		97
72) Carbazole	18.07	167	596944	46.138	ng	#	94
73) Di-n-butylphthalate	18.59	149	708751	44.676	ng	#	94
74) Fluoranthene	19.70	202	839703	48.358	ng		93
76) Benzidine	19.88	184	131724	15.428	ng		97
77) Pyrene	20.07	202	863090	45.447	ng		94
79) Butylbenzylphthalate	20.93	149	329466	42.956	ng		91
80) Benzo(a)anthracene	21.96	228	901708	45.499	ng		96
81) 3,3'-Dichlorobenzidine	21.86	252	205126	25.529	ng		96
82) Chrysene	22.04	228	851339	45.274	ng		93
83) Bis(2-ethylhexyl)phthalate	21.82	149	464085	42.561	ng		99
84) Di-n-octyl phthalate	23.11	149	805315	42.272	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	1062278	43.967	ng	#	98
87) Benzo(b)fluoranthene	24.35	252	945396	47.970	ng		99
88) Benzo(k)fluoranthene	24.42	252	889224	45.170	ng		94
89) Benzo(a)pyrene	25.29	252	884065	47.259	ng		96
90) Dibenzo(a,h)anthracene	29.50	278	893865	45.832	ng		98
91) Benzo(g,h,i)perylene	30.70	276	874370	45.947	ng		98

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

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