Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031423.D
Acq On : 8 Dec 2017 14:50
Operator : SJ/JU
Sample : PB104851BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104851BS

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:19 PM

Quant Time: Dec 08 16:33:19 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	40802	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	199638	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	150347	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	412072	20.00	ng		0.00
75) Chrysene-d12	21.77	240	449658	20.00	ng		0.00
86) Perylene-d12	25.06	264	446481	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	381477	160.32	ng		0.00
7) Phenol-d6	7.29	99	524458	163.60	ng		0.00
23) Nitrobenzene-d5	9.29	82	323680	96.07	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	285535	117.40	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	972646	92.96	ng		0.00
78) Terphenyl-d14	20.08	244	1862120	91.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	32736	33.902	ng		90
3) Pyridine	3.94	79	97851	34.906	ng		97
4) n-Nitrosodimethylamine	3.86	42	59614	44.870	ng	#	88
6) Aniline	7.45	93	105785	25.075	ng		96
8) 2-Chlorophenol	7.69	128	145377	55.363	ng		91
9) Benzaldehyde	7.26	77	48715	21.716	ng		97
10) Phenol	7.32	94	191143	57.416	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	131666	49.534	ng		91
12) 1,3-Dichlorobenzene	8.01	146	142603	46.287	ng		97
13) 1,4-Dichlorobenzene	8.16	146	150534	48.218	ng		95
14) 1,2-Dichlorobenzene	8.48	146	145327	48.499	ng		96
15) Benzyl Alcohol	8.36	79	133364	51.866	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	209056	71.203	ng		95
17) 2-Methylphenol	8.58	107	129057	55.670	ng		95
18) Hexachloroethane	9.21	117	53633	49.360	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	116666	47.865	ng	#	97
20) 3+4-Methylphenols	8.90	107	183242	55.588	ng		96
22) Acetophenone	8.95	105	215098	43.273	ng	#	94
24) Nitrobenzene	9.33	77	170089	49.423	ng		92
25) Isophorone	9.86	82	333723	50.791	ng	#	93
26) 2-Nitrophenol	10.05	139	88912	49.564	ng		92
27) 2,4-Dimethylphenol	10.11	122	153054	57.471	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	200480	48.445	ng		95
29) 2,4-Dichlorophenol	10.60	162	178459	55.804	ng		91
30) 1,2,4-Trichlorobenzene	10.80	180	181631	47.572	ng		99
31) Naphthalene	10.99	128	462622	47.139	ng		99
32) Benzoic acid	10.27	122	71235	33.989	ng		87
33) 4-Chloroaniline	11.11	127	59551	13.861	ng		95
34) Hexachlorobutadiene	11.27	225	117462	44.361	ng		92
35) Caprolactam	11.88	113	72361m	55.390	ng		
36) 4-Chloro-3-methylphenol	12.22	107	192051	55.178	ng		89
37) 2-Methylnaphthalene	12.59	142	383410	50.608	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	240064	40.231	ng		95
40) Hexachlorocyclopentadiene	12.93	237	205258	91.273	ng		88

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	169401	49.660	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	183192	49.082	ng		92
45) 1,1'-Biphenyl	13.58	154	514324	41.254	ng		98
46) 2-Chloronaphthalene	13.63	162	431409	47.960	ng		96
47) 2-Nitroaniline	13.83	65	134052	50.279	ng	#	88
48) Acenaphthylene	14.47	152	680127	46.196	ng		99
49) Dimethylphthalate	14.20	163	623543	47.966	ng		99
50) 2,6-Dinitrotoluene	14.32	165	139105	51.916	ng	#	81
51) Acenaphthene	14.81	154	418862	45.554	ng		99
52) 3-Nitroaniline	14.66	138	54009	18.984	ng	#	85
53) 2,4-Dinitrophenol	14.87	184	122530	82.894	ng	#	52
54) Dibenzofuran	15.14	168	705243	48.154	ng		99
55) 4-Nitrophenol	14.99	139	207594	102.433	ng	#	85
56) 2,4-Dinitrotoluene	15.12	165	204043	52.676	ng	#	77
57) Fluorene	15.80	166	566757	47.665	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	189092	53.158	ng	#	92
59) Diethylphthalate	15.55	149	636146	48.176	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	341432	47.546	ng		93
61) 4-Nitroaniline	15.83	138	147216	48.866	ng		91
62) Azobenzene	16.07	77	526238	52.255	ng		96
64) 4,6-Dinitro-2-methylphenol	15.88	198	110243	40.249	ng		81
65) n-Nitrosodiphenylamine	16.00	169	540761	43.307	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	228317	43.747	ng		98
67) Hexachlorobenzene	16.80	284	227224	40.974	ng		98
68) Atrazine	16.94	200	239086	46.407	ng		99
69) Pentachlorophenol	17.15	266	219055	71.460	ng		99
70) Phenanthrene	17.54	178	1002161	46.709	ng		98
71) Anthracene	17.62	178	1039102	48.334	ng		99
72) Carbazole	17.89	167	944941	46.910	ng		99
73) Di-n-butylphthalate	18.43	149	1114067	45.044	ng		99
74) Fluoranthene	19.53	202	1321254	48.637	ng		98
76) Benzidine	19.71	184	337269	23.350	ng		96
77) Pyrene	19.90	202	1334018	49.996	ng		96
79) Butylbenzylphthalate	20.76	149	518748	48.760	ng	#	84
80) Benzo(a)anthracene	21.75	228	1332687	47.714	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	252067	22.357	ng		98
82) Chrysene	21.81	228	1263219	48.892	ng		95
83) Bis(2-ethylhexyl)phthalate	21.62	149	728412	47.432	ng		98
84) Di-n-octyl phthalate	22.85	149	1232243	49.299	ng		96
85) Indeno(1,2,3-cd)pyrene	28.86	276	1458416	46.431	ng	#	90
87) Benzo(b)fluoranthene	24.01	252	1305136	48.325	ng		99
88) Benzo(k)fluoranthene	24.09	252	1296774	48.441	ng		98
89) Benzo(a)pyrene	24.91	252	1284701	50.072	ng		99
90) Dibenzo(a,h)anthracene	28.90	278	1211503	46.198	ng		98
91) Benzo(g,h,i)perylene	30.04	276	1220293	47.944	ng		99

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

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