Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016494.D
Acq On : 17 Apr 2015 17:43
Operator : TP/IZ
Sample : PB82827BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82827BS

Manual Integrations APPROVED
apatel
4/20/2015 3:59:05 PM

Quant Time: Apr 18 01:24:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 00:32:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	67356	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	298834	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	171996	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	346018	20.00	ng	0.00
75) Chrysene-d12	21.23	240	303664	20.00	ng	0.00
86) Perylene-d12	23.46	264	287660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	532412	124.75	ng	0.01
7) Phenol-d6	6.85	99	736800	115.00	ng	0.01
23) Nitrobenzene-d5	8.82	82	378039	73.28	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	145525	125.11	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	827076	81.87	ng	0.00
78) Terphenyl-d14	19.68	244	941447	72.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	58449	30.13	ng	97
3) Pyridine	3.53	79	164362	28.35	ng	95
4) n-Nitrosodimethylamine	3.45	42	55462	32.18	ng	95
6) Aniline	6.99	93	178773	19.54	ng	96
8) 2-Chlorophenol	7.23	128	203957	39.79	ng	94
9) Benzaldehyde	6.80	77	32610	8.69	ng	98
10) Phenol	6.88	94	257104	37.51	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	181608	33.23	ng	99
12) 1,3-Dichlorobenzene	7.55	146	191518	37.00	ng	97
13) 1,4-Dichlorobenzene	7.69	146	194878	36.30	ng	98
14) 1,2-Dichlorobenzene	8.01	146	187343	36.49	ng	98
15) Benzyl Alcohol	7.90	79	147425	33.01	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	189070	30.71	ng	96
17) 2-Methylphenol	8.12	107	170661	37.13	ng	97
18) Hexachloroethane	8.73	117	70932	34.53	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	133973	29.18	ng	97
20) 3+4-Methylphenols	8.44	107	229936	36.11	ng	98
22) Acetophenone	8.48	105	255060	36.81	ng	98
24) Nitrobenzene	8.86	77	188371	34.15	ng	91
25) Isophorone	9.38	82	365510	31.91	ng	95
26) 2-Nitrophenol	9.57	139	110464	42.94	ng	94
27) 2,4-Dimethylphenol	9.64	122	197623	41.24	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	229606	35.11	ng	99
29) 2,4-Dichlorophenol	10.10	162	171218	45.16	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	161271	40.74	ng	97
31) Naphthalene	10.50	128	577648	37.10	ng	99
32) Benzoic acid	9.78	122	75955	28.61	ng	93
33) 4-Chloroaniline	10.61	127	126741	17.35	ng	96
34) Hexachlorobutadiene	10.78	225	69747	40.11	ng	99
35) Caprolactam	11.38	113	86710m	36.33	ng	
36) 4-Chloro-3-methylphenol	11.75	107	195408	39.02	ng	94
37) 2-Methylnaphthalene	12.11	142	424522	37.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	146774	38.76	ng	99
40) Hexachlorocyclopentadiene	12.46	237	124461	71.80	ng	99

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Quant Time: Apr 18 01:24:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	116388	41.36	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	127128	42.28	ng	95
45) 1,1'-Biphenyl	13.13	154	511792	38.79	ng	98
46) 2-Chloronaphthalene	13.17	162	390539	38.86	ng	98
47) 2-Nitroaniline	13.39	65	116780	36.05	ng	92
48) Acenaphthylene	14.03	152	668807	37.42	ng	99
49) Dimethylphthalate	13.77	163	472358	37.47	ng	100
50) 2,6-Dinitrotoluene	13.89	165	120633	39.57	ng	90
51) Acenaphthene	14.37	154	402513	37.69	ng	99
52) 3-Nitroaniline	14.22	138	87707	22.53	ng	85
53) 2,4-Dinitrophenol	14.43	184	90164	54.09	ng	92
54) Dibenzofuran	14.70	168	584289	39.42	ng	99
55) 4-Nitrophenol	14.55	139	226730	70.46	ng	95
56) 2,4-Dinitrotoluene	14.68	165	167968	40.45	ng	90
57) Fluorene	15.35	166	501069	38.32	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.94	232	97690	42.10	ng	94
59) Diethylphthalate	15.13	149	494350	36.84	ng	99
60) 4-Chlorophenyl-phenylether	15.35	204	205816	38.48	ng	96
61) 4-Nitroaniline	15.38	138	153485	34.73	ng	97
62) Azobenzene	15.64	77	501760	35.13	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	81977	34.82	ng	90
65) n-Nitrosodiphenylamine	15.57	169	449398	38.42	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	108219	39.17	ng	95
67) Hexachlorobenzene	16.35	284	112596	39.21	ng	98
68) Atrazine	16.52	200	138501	42.48	ng	99
69) Pentachlorophenol	16.71	266	116840	66.64	ng	98
70) Phenanthrene	17.09	178	744629	38.26	ng	99
71) Anthracene	17.18	178	761554	39.49	ng	99
72) Carbazole	17.45	167	777136	40.15	ng	100
73) Di-n-butylphthalate	18.02	149	912196	38.51	ng	99
74) Fluoranthene	19.11	202	772929	38.53	ng	97
76) Benzidine	19.30	184	297639	23.11	ng	97
77) Pyrene	19.47	202	810010	38.31	ng	99
79) Butylbenzylphthalate	20.37	149	429276	41.32	ng	94
80) Benzo(a)anthracene	21.21	228	705933	39.33	ng	100
81) 3,3'-Dichlorobenzidine	21.15	252	152113	25.77	ng	96
82) Chrysene	21.27	228	667351	38.52	ng	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	595964	42.38	ng	98
84) Di-n-octyl phthalate	22.01	149	1000706	43.67	ng	97
85) Indeno(1,2,3-cd)pyrene	25.73	276	741323	41.19	ng	99
87) Benzo(b)fluoranthene	22.79	252	681912	40.47	ng	98
88) Benzo(k)fluoranthene	22.83	252	638691	38.74	ng	99
89) Benzo(a)pyrene	23.36	252	653482	41.39	ng	99
90) Dibenzo(a,h)anthracene	25.74	278	616684	40.14	ng	100
91) Benzo(g,h,i)perylene	26.44	276	632783	41.23	ng	96

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

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