Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016489.D
Acq On : 17 Apr 2015 14:49
Operator : TP/IZ
Sample : PB82828BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB82828BS

Manual Integrations APPROVED
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4/20/2015 3:59:01 PM

Quant Time: Apr 18 00:56:10 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	65042	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	287841	20.00	ng		0.00
38) Acenaphthene-d10	14.30	164	163084	20.00	ng		0.00
63) Phenanthrene-d10	17.05	188	331249	20.00	ng		0.00
75) Chrysene-d12	21.23	240	309697	20.00	ng		0.00
86) Perylene-d12	23.45	264	299630	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	498804	121.03	ng		0.00
7) Phenol-d6	6.85	99	685021	110.72	ng		0.01
23) Nitrobenzene-d5	8.82	82	348211	70.08	ng		0.00
41) 2,4,6-Tribromophenol	15.80	330	137869	125.00	ng		0.00
44) 2-Fluorobiphenyl	12.92	172	765690	79.94	ng		0.00
78) Terphenyl-d14	19.67	244	919656	69.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	53844	28.74	ng		97
3) Pyridine	3.52	79	152161	27.18	ng		95
4) n-Nitrosodimethylamine	3.45	42	52782	31.71	ng		99
6) Aniline	6.99	93	161280	18.25	ng		96
8) 2-Chlorophenol	7.23	128	188927	38.17	ng		94
9) Benzaldehyde	6.80	77	29961	8.27	ng		93
10) Phenol	6.88	94	235283	35.54	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	168088	31.85	ng		96
12) 1,3-Dichlorobenzene	7.55	146	177450	35.50	ng		97
13) 1,4-Dichlorobenzene	7.69	146	180394	34.79	ng		98
14) 1,2-Dichlorobenzene	8.01	146	173539	35.00	ng		97
15) Benzyl Alcohol	7.91	79	136736	31.70	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	174419	29.34	ng		97
17) 2-Methylphenol	8.12	107	158497	35.71	ng		98
18) Hexachloroethane	8.73	117	65190	32.87	ng		96
19) n-Nitroso-di-n-propylamine	8.46	70	121385	27.38	ng		97
20) 3+4-Methylphenols	8.44	107	212568	34.57	ng		99
22) Acetophenone	8.48	105	235326	35.26	ng	#	99
24) Nitrobenzene	8.86	77	174915	32.92	ng		93
25) Isophorone	9.37	82	336432	30.49	ng		97
26) 2-Nitrophenol	9.57	139	101605	41.01	ng		94
27) 2,4-Dimethylphenol	9.64	122	182505	39.54	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	213103	33.83	ng		98
29) 2,4-Dichlorophenol	10.10	162	156934	42.97	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	148546	38.96	ng		99
31) Naphthalene	10.50	128	533252	35.55	ng		99
32) Benzoic acid	9.78	122	75430	29.23	ng		98
33) 4-Chloroaniline	10.61	127	133136	18.92	ng		95
34) Hexachlorobutadiene	10.78	225	64112	38.28	ng		97
35) Caprolactam	11.38	113	81289m	35.36	ng		
36) 4-Chloro-3-methylphenol	11.75	107	180574	37.43	ng		93
37) 2-Methylnaphthalene	12.11	142	390169	36.16	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	137154	38.20	ng		99
40) Hexachlorocyclopentadiene	12.47	237	114743	69.82	ng		100

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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	12.74	196	106612	39.96	ng	98
43) 2,4,5-Trichlorophenol	12.81	196	118553	41.59	ng	97
45) 1,1'-Biphenyl	13.13	154	472883	37.80	ng	97
46) 2-Chloronaphthalene	13.18	162	360000	37.78	ng	98
47) 2-Nitroaniline	13.39	65	107048	34.85	ng	89
48) Acenaphthylene	14.02	152	609940	35.99	ng	100
49) Dimethylphthalate	13.77	163	428115	35.82	ng	100
50) 2,6-Dinitrotoluene	13.89	165	110793	38.33	ng	93
51) Acenaphthene	14.37	154	371911	36.73	ng	98
52) 3-Nitroaniline	14.22	138	85534	23.17	ng	90
53) 2,4-Dinitrophenol	14.43	184	85933	54.32	ng	96
54) Dibenzofuran	14.70	168	536164	38.15	ng	97
55) 4-Nitrophenol	14.55	139	215583	70.66	ng	96
56) 2,4-Dinitrotoluene	14.68	165	153261	38.92	ng	88
57) Fluorene	15.35	166	461941	37.26	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.93	232	91794	41.72	ng	91
59) Diethylphthalate	15.13	149	453613	35.65	ng	98
60) 4-Chlorophenyl-phenylether	15.34	204	190415	37.55	ng	96
61) 4-Nitroaniline	15.39	138	144401	34.46	ng	96
62) Azobenzene	15.64	77	455216	33.62	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	77091	34.27	ng	90
65) n-Nitrosodiphenylamine	15.57	169	412971	36.88	ng	100
66) 4-Bromophenyl-phenylether	16.24	248	99695	37.69	ng	96
67) Hexachlorobenzene	16.35	284	104372	37.97	ng	97
68) Atrazine	16.52	200	130032	41.66	ng	99
69) Pentachlorophenol	16.70	266	113083	67.37	ng	97
70) Phenanthrene	17.09	178	697414	37.43	ng	100
71) Anthracene	17.18	178	708670	38.38	ng	99
72) Carbazole	17.45	167	735637	39.70	ng	99
73) Di-n-butylphthalate	18.01	149	866041	38.19	ng	99
74) Fluoranthene	19.10	202	746756	38.89	ng	96
76) Benzidine	19.30	184	306841	23.36	ng	97
77) Pyrene	19.47	202	782408	36.28	ng	99
79) Butylbenzylphthalate	20.37	149	411166	38.81	ng	96
80) Benzo(a)anthracene	21.21	228	684591	37.40	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	154432	25.66	ng	98
82) Chrysene	21.26	228	651666	36.88	ng	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	569882	39.73	ng	98
84) Di-n-octyl phthalate	22.01	149	966642	41.37	ng	97
85) Indeno(1,2,3-cd)pyrene	25.73	276	729163	39.72	ng	98
87) Benzo(b)fluoranthene	22.78	252	671516	38.27	ng	98
88) Benzo(k)fluoranthene	22.83	252	619777	36.09	ng	99
89) Benzo(a)pyrene	23.36	252	636747	38.71	ng	99
90) Dibenzo(a,h)anthracene	25.73	278	606135	37.87	ng	99
91) Benzo(g,h,i)perylene	26.42	276	609758	38.14	ng	100

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

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