Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
Data File : BG016114.D
Acq On : 25 Mar 2015 22:00
Operator : TP/IZ
Sample : PB82319BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82319BSD

Manual Integrations APPROVED
apatel
3/27/2015 10:47:35 AM

Quant Time: Mar 26 15:57:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 15:24:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	66180	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	299141	20.00	ng		0.00
38) Acenaphthene-d10	14.42	164	188880	20.00	ng		0.00
63) Phenanthrene-d10	17.16	188	407869	20.00	ng		0.00
75) Chrysene-d12	21.33	240	430113	20.00	ng		0.00
86) Perylene-d12	23.61	264	416047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	459357	116.17	ng		0.00
7) Phenol-d6	6.96	99	640648	116.40	ng		0.00
23) Nitrobenzene-d5	8.95	82	333486	69.12	ng		0.00
41) 2,4,6-Tribromophenol	15.91	330	247947	114.32	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	828684	73.44	ng		0.00
78) Terphenyl-d14	19.78	244	1240235	72.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	42133	26.38	ng		97
3) Pyridine	3.69	79	129831	26.01	ng		98
4) n-Nitrosodimethylamine	3.61	42	44204	30.09	ng		99
6) Aniline	7.12	93	184401	23.48	ng		100
8) 2-Chlorophenol	7.36	128	169896	36.21	ng		97
9) Benzaldehyde	6.94	77	8537	3.71	ng		94
10) Phenol	6.99	94	229187	37.89	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	160314	32.68	ng		99
12) 1,3-Dichlorobenzene	7.68	146	158116	31.18	ng		99
13) 1,4-Dichlorobenzene	7.83	146	162006	30.80	ng		99
14) 1,2-Dichlorobenzene	8.15	146	158005	31.77	ng		99
15) Benzyl Alcohol	8.03	79	137608	33.83	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	170946	31.00	ng		98
17) 2-Methylphenol	8.23	107	151814	35.59	ng		98
18) Hexachloroethane	8.87	117	57453	30.47	ng		96
19) n-Nitroso-di-n-propylamine	8.59	70	126221	31.30	ng		99
20) 3+4-Methylphenols	8.56	107	207641	35.88	ng		97
22) Acetophenone	8.61	105	227837	33.86	ng	#	98
24) Nitrobenzene	8.99	77	171809	33.07	ng		99
25) Isophorone	9.51	82	356115	32.53	ng		100
26) 2-Nitrophenol	9.70	139	96988	34.47	ng		100
27) 2,4-Dimethylphenol	9.76	122	177519	37.62	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	217464	34.60	ng		100
29) 2,4-Dichlorophenol	10.23	162	160044	38.58	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	145236	32.51	ng		99
31) Naphthalene	10.63	128	517058	32.25	ng		100
32) Benzoic acid	9.88	122	98947	33.46	ng		95
33) 4-Chloroaniline	10.74	127	81592	11.63	ng		99
34) Hexachlorobutadiene	10.91	225	76553	31.50	ng		99
35) Caprolactam	11.50	113	83891m	37.24	ng		
36) 4-Chloro-3-methylphenol	11.86	107	181205	37.03	ng		99
37) 2-Methylnaphthalene	12.24	142	393627	34.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	163726	34.42	ng		99
40) Hexachlorocyclopentadiene	12.59	237	203226	73.07	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	120740	35.53	ng	97
43) 2,4,5-Trichlorophenol	12.92	196	132751	35.82	ng	98
45) 1,1'-Biphenyl	13.25	154	483667	34.92	ng	99
46) 2-Chloronaphthalene	13.30	162	362866	33.59	ng	99
47) 2-Nitroaniline	13.50	65	110425	35.58	ng	98
48) Acenaphthylene	14.14	152	648309	32.84	ng	100
49) Dimethylphthalate	13.88	163	476867	36.00	ng	99
50) 2,6-Dinitrotoluene	14.00	165	115342	36.72	ng	99
51) Acenaphthene	14.48	154	391034	32.84	ng	98
52) 3-Nitroaniline	14.32	138	74920	19.48	ng	99
53) 2,4-Dinitrophenol	14.53	184	91452	49.65	ng	95
54) Dibenzofuran	14.82	168	584817	35.15	ng	99
55) 4-Nitrophenol	14.63	139	241320	77.45	ng	99
56) 2,4-Dinitrotoluene	14.78	165	160555	37.30	ng	97
57) Fluorene	15.47	166	508086	34.22	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.04	232	123500	37.39	ng	98
59) Diethylphthalate	15.24	149	488325	35.85	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	231279	35.41	ng	97
61) 4-Nitroaniline	15.49	138	147392	33.87	ng	97
62) Azobenzene	15.75	77	481622	34.33	ng	98
64) 4,6-Dinitro-2-methylphenol	15.54	198	78403	28.92	ng	98
65) n-Nitrosodiphenylamine	15.67	169	450539	34.65	ng	99
66) 4-Bromophenyl-phenylether	16.35	248	144774	34.59	ng	98
67) Hexachlorobenzene	16.46	284	160066	34.03	ng	98
68) Atrazine	16.62	200	151670	39.19	ng	99
69) Pentachlorophenol	16.80	266	196738	73.35	ng	99
70) Phenanthrene	17.20	178	776068	33.91	ng	100
71) Anthracene	17.29	178	789219	34.67	ng	99
72) Carbazole	17.56	167	774097	34.65	ng	99
73) Di-n-butylphthalate	18.12	149	894670	35.42	ng	100
74) Fluoranthene	19.21	202	866667	34.00	ng	99
76) Benzidine	19.40	184	287317	25.49	ng	100
77) Pyrene	19.57	202	909711	34.31	ng	100
79) Butylbenzylphthalate	20.47	149	400301	36.19	ng	96
80) Benzo(a)anthracene	21.31	228	827609	33.93	ng	99
81) 3,3'-Dichlorobenzidine	21.25	252	160415	18.92	ng	99
82) Chrysene	21.36	228	771629	34.53	ng	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	539343	35.51	ng	99
84) Di-n-octyl phthalate	22.13	149	913264	35.66	ng	99
85) Indeno(1,2,3-cd)pyrene	25.96	276	939009	32.67	ng	100
87) Benzo(b)fluoranthene	22.92	252	819939	34.05	ng	99
88) Benzo(k)fluoranthene	22.97	252	784799	33.46	ng	99
89) Benzo(a)pyrene	23.51	252	782178	34.84	ng	99
90) Dibenzo(a,h)anthracene	25.97	278	786331	33.61	ng	100
91) Benzo(g,h,i)perylene	26.67	276	775622	33.45	ng	97

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

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