Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022419.D
Acq On : 18 Jun 2016 12:00
Operator : UM/SJ
Sample : PB91233BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91233BS

Manual Integrations APPROVED
sohil
6/20/2016 6:52:42 PM

Quant Time: Jun 20 01:57:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	22184	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	119306	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	72740	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	170904	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	152359	20.00	ng		-0.05
86) Perylene-d12	24.93	264	137923	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	158157	137.84	ng		-0.03
7) Phenol-d6	7.23	99	238589	132.26	ng		-0.02
23) Nitrobenzene-d5	9.22	82	125505	73.34	ng		-0.04
41) 2,4,6-Tribromophenol	16.17	330	78357	95.33	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	334408	70.06	ng		-0.04
78) Terphenyl-d14	20.02	244	470916	73.38	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	15499	28.17	ng	#	73
3) Pyridine	3.82	79	44068	29.64	ng		93
4) n-Nitrosodimethylamine	3.74	42	13975	42.04	ng		77
6) Aniline	7.37	93	55610	24.26	ng	#	83
8) 2-Chlorophenol	7.61	128	65760	41.47	ng	#	79
10) Phenol	7.26	94	79218	42.59	ng		84
11) bis(2-Chloroethyl)ether	7.46	93	56271	37.95	ng	#	74
12) 1,3-Dichlorobenzene	7.93	146	58956	34.68	ng	#	90
13) 1,4-Dichlorobenzene	8.08	146	61233	36.15	ng		96
14) 1,2-Dichlorobenzene	8.40	146	61653	36.11	ng		95
15) Benzyl Alcohol	8.30	79	44244	37.96	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	66520	43.23	ng		82
17) 2-Methylphenol	8.51	107	56058	40.39	ng	#	86
18) Hexachloroethane	9.12	117	23641	38.23	ng	#	79
19) n-Nitroso-di-n-propylamine	8.85	70	45523	37.28	ng	#	73
20) 3+4-Methylphenols	8.84	107	75229	37.79	ng		98
22) Acetophenone	8.87	105	88002	34.23	ng	#	83
24) Nitrobenzene	9.26	77	62869	36.53	ng		92
25) Isophorone	9.78	82	138354	34.56	ng		95
26) 2-Nitrophenol	9.98	139	33823	36.25	ng	#	78
27) 2,4-Dimethylphenol	10.04	122	65235	38.62	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	81153	35.38	ng		93
29) 2,4-Dichlorophenol	10.53	162	59444	37.99	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	58496	33.46	ng		94
31) Naphthalene	10.91	128	206160	34.62	ng	#	97
32) Benzoic acid	10.20	122	21903	40.92	ng	#	81
33) 4-Chloroaniline	11.04	127	29489	11.91	ng	#	90
34) Hexachlorobutadiene	11.18	225	30354	32.34	ng		96
35) Caprolactam	11.80	113	27225m	31.72	ng		
36) 4-Chloro-3-methylphenol	12.17	107	70380	37.95	ng	#	83
37) 2-Methylnaphthalene	12.51	142	148688	33.82	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	60649	32.39	ng	#	96
40) Hexachlorocyclopentadiene	12.85	237	33650	38.13	ng		96
42) 2,4,6-Trichlorophenol	13.13	196	44975	35.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	47332	34.11	ng		97
45) 1,1'-Biphenyl	13.51	154	196738	35.94	ng		95
46) 2-Chloronaphthalene	13.56	162	152514	36.34	ng		96
47) 2-Nitroaniline	13.78	65	40721	40.70	ng	#	66
48) Acenaphthylene	14.41	152	265255	36.03	ng		96
49) Dimethylphthalate	14.13	163	207945	34.48	ng		98
50) 2,6-Dinitrotoluene	14.26	165	46941	35.80	ng	#	80
51) Acenaphthene	14.75	154	155784	35.32	ng		91
52) 3-Nitroaniline	14.61	138	27548	18.94	ng	#	87
53) 2,4-Dinitrophenol	14.82	184	29409	58.35	ng	#	80
54) Dibenzofuran	15.08	168	245656	35.68	ng		99
55) 4-Nitrophenol	14.96	139	54004	53.81	ng	#	73
56) 2,4-Dinitrotoluene	15.06	165	65245	37.10	ng	#	86
57) Fluorene	15.73	166	207202	34.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	38398	30.85	ng		95
59) Diethylphthalate	15.49	149	227913	35.38	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	94246	35.09	ng		99
61) 4-Nitroaniline	15.77	138	39647m	25.71	ng		
62) Azobenzene	16.01	77	194898	39.95	ng		88
64) 4,6-Dinitro-2-methylphenol	15.83	198	28344	34.45	ng		83
65) n-Nitrosodiphenylamine	15.93	169	179062	36.37	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	54355	33.94	ng		98
67) Hexachlorobenzene	16.73	284	58767	31.49	ng		98
68) Atrazine	16.87	200	60778	33.35	ng		96
69) Pentachlorophenol	17.09	266	37308	47.13	ng		97
70) Phenanthrene	17.47	178	328103	35.35	ng		99
71) Anthracene	17.56	178	331339	35.99	ng		98
72) Carbazole	17.84	167	300782	34.50	ng		99
73) Di-n-butylphthalate	18.37	149	424513	37.24	ng		99
74) Fluoranthene	19.47	202	370904	34.76	ng		95
76) Benzidine	19.67	184	73817	18.53	ng		97
77) Pyrene	19.83	202	367121	38.76	ng		98
79) Butylbenzylphthalate	20.70	149	182910	41.64	ng	#	94
80) Benzo(a)anthracene	21.67	228	306499	35.88	ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	48288	20.13	ng	#	95
82) Chrysene	21.74	228	297863	35.83	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	262486	40.63	ng	#	95
84) Di-n-octyl phthalate	22.75	149	444559	41.45	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.65	276	321276	34.45	ng	#	83
87) Benzo(b)fluoranthene	23.89	252	296245	36.83	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	291620	36.83	ng	#	95
89) Benzo(a)pyrene	24.78	252	293610	38.17	ng	#	93
90) Dibenzo(a,h)anthracene	28.70	278	260464	35.96	ng	#	91
91) Benzo(g,h,i)perylene	29.80	276	269038	35.70	ng	#	91

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

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