Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087482.D
Acq On : 28 May 2016 16:31
Operator : UM/SJ
Sample : PB90943BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90943BS

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Quant Time: May 30 03:30:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:25:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	115977	20.00	ng		-0.01
21) Naphthalene-d8	9.50	136	491188	20.00	ng		-0.01
38) Acenaphthene-d10	12.33	164	235572	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	456342	20.00	ng		0.00
75) Chrysene-d12	18.43	240	353819	20.00	ng		0.00
86) Perylene-d12	20.10	264	226651	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	846287	128.22	ng		0.02
7) Phenol-d6	7.03	99	1074927	120.53	ng		-0.01
23) Nitrobenzene-d5	8.39	82	737827	75.71	ng		-0.01
41) 2,4,6-Tribromophenol	13.62	330	260114	114.90	ng		-0.01
44) 2-Fluorobiphenyl	11.28	172	1231714	73.71	ng		-0.01
78) Terphenyl-d14	17.09	244	1199460	72.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	103483	29.71	ng	#	67
3) Pyridine	2.43	79	248581	32.65	ng	#	63
4) n-Nitrosodimethylamine	2.40	42	221239	37.71	ng	#	43
6) Aniline	6.97	93	227640	19.73	ng		94
8) 2-Chlorophenol	7.15	128	320161	38.90	ng		95
9) Benzaldehyde	6.81	77	42044	8.54	ng		96
10) Phenol	7.04	94	400342	41.11	ng		76
11) bis(2-Chloroethyl)ether	7.11	93	297324	37.72	ng		84
12) 1,3-Dichlorobenzene	7.36	146	319907	35.63	ng	#	91
13) 1,4-Dichlorobenzene	7.48	146	336024	36.46	ng	#	91
14) 1,2-Dichlorobenzene	7.72	146	315258	36.98	ng		98
15) Benzyl Alcohol	7.77	79	284983	43.83	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.96	45	613601	34.60	ng		87
17) 2-Methylphenol	7.99	107	264319	40.07	ng	#	90
18) Hexachloroethane	8.24	117	128128	37.26	ng		94
19) n-Nitroso-di-n-propylamine	8.19	70	263940	39.68	ng	#	76
20) 3+4-Methylphenols	8.25	107	342155	42.91	ng	#	60
22) Acetophenone	8.16	105	455607	38.83	ng	#	96
24) Nitrobenzene	8.41	77	378817	36.82	ng		98
25) Isophorone	8.81	82	648735	37.11	ng		98
26) 2-Nitrophenol	8.92	139	165453	39.34	ng	#	82
27) 2,4-Dimethylphenol	9.06	122	282541	38.70	ng	#	86
28) bis(2-Chloroethoxy)methane	9.19	93	384018	39.01	ng		98
29) 2,4-Dichlorophenol	9.34	162	264401	40.19	ng		97
30) 1,2,4-Trichlorobenzene	9.43	180	277493	36.84	ng		99
31) Naphthalene	9.53	128	921283	37.43	ng		100
32) Benzoic acid	9.39	122	107586	30.97	ng	#	80
33) 4-Chloroaniline	9.70	127	116657	12.87	ng	#	94
34) Hexachlorobutadiene	9.75	225	161677	35.32	ng		99
35) Caprolactam	10.31	113	79317m	41.31	ng		
36) 4-Chloro-3-methylphenol	10.55	107	306895	41.26	ng		87
37) 2-Methylnaphthalene	10.66	142	605211	39.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	264922	35.13	ng		98
40) Hexachlorocyclopentadiene	10.90	237	153584	53.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.17	196	161551	37.12	ng		92
43) 2,4,5-Trichlorophenol	11.25	196	159564	36.00	ng	#	91
45) 1,1'-Biphenyl	11.43	154	755862	38.11	ng		97
46) 2-Chloronaphthalene	11.44	162	548540	36.15	ng		92
47) 2-Nitroaniline	11.67	65	231559	42.36	ng		85
48) Acenaphthylene	12.10	152	912319	37.98	ng		99
49) Dimethylphthalate	11.99	163	700256	37.11	ng		99
50) 2,6-Dinitrotoluene	12.08	165	145565	38.28	ng	#	82
51) Acenaphthene	12.38	154	539229	36.52	ng		98
52) 3-Nitroaniline	12.35	138	74263	19.03	ng		87
53) 2,4-Dinitrophenol	12.56	184	73609	41.28	ng	#	82
54) Dibenzofuran	12.66	168	820439	41.04	ng		93
55) 4-Nitrophenol	12.74	139	147213	79.08	ng	#	41
56) 2,4-Dinitrotoluene	12.74	165	204449	40.23	ng	#	89
57) Fluorene	13.22	166	662812	38.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	145731	42.74	ng		97
59) Diethylphthalate	13.13	149	673711	36.72	ng		99
60) 4-Chlorophenyl-phenylether	13.25	204	303217	35.87	ng		99
61) 4-Nitroaniline	13.35	138	132645	36.42	ng	#	62
62) Azobenzene	13.51	77	825683	43.38	ng		86
64) 4,6-Dinitro-2-methylphenol	13.41	198	85593	29.50	ng	#	44
65) n-Nitrosodiphenylamine	13.46	169	556309	37.70	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	182817	36.62	ng		95
67) Hexachlorobenzene	14.10	284	188994	36.20	ng	#	71
68) Atrazine	14.39	200	190110	40.41	ng		94
69) Pentachlorophenol	14.47	266	100971	63.60	ng		98
70) Phenanthrene	14.77	178	949135	37.55	ng		99
71) Anthracene	14.85	178	971984	38.06	ng		99
72) Carbazole	15.14	167	859514	39.47	ng		99
73) Di-n-butylphthalate	15.73	149	1080040	38.35	ng		98
74) Fluoranthene	16.53	202	993098	39.18	ng		97
76) Benzidine	16.77	184	261538	28.73	ng		96
77) Pyrene	16.83	202	982888	38.59	ng		100
79) Butylbenzylphthalate	17.75	149	435980	38.60	ng	#	75
80) Benzo(a)anthracene	18.42	228	801189	39.81	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	110038	9.90	ng		97
82) Chrysene	18.47	228	762192	38.16	ng		100
83) Bis(2-ethylhexyl)phthalate	18.49	149	586236	35.57	ng	#	95
84) Di-n-octyl phthalate	19.26	149	870718	34.64	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	531122	33.17	ng		94
87) Benzo(b)fluoranthene	19.69	252	664293	46.01	ng	#	97
88) Benzo(k)fluoranthene	19.73	252	450555m	36.26	ng		
89) Benzo(a)pyrene	20.05	252	498366	39.91	ng		98
90) Dibenzo(a,h)anthracene	21.31	278	450739	42.32	ng		95
91) Benzo(g,h,i)perylene	21.67	276	452600	43.07	ng	#	90

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

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