Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087425.D
Acq On : 27 May 2016 00:43
Operator : UM/SJ
Sample : PB90866BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90866BS

Manual Integrations APPROVED
sohil
5/27/2016 7:37:59 PM

Quant Time: May 27 02:32:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	110438	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	459068	20.00	ng		-0.02
38) Acenaphthene-d10	12.37	164	217710	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	427587	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	325276	20.00	ng		-0.01
86) Perylene-d12	20.13	264	226269	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	769615	122.45	ng		0.01
7) Phenol-d6	7.06	99	951677	112.06	ng		-0.01
23) Nitrobenzene-d5	8.42	82	657766	72.21	ng		-0.02
41) 2,4,6-Tribromophenol	13.67	330	236825	113.20	ng		-0.01
44) 2-Fluorobiphenyl	11.31	172	1141660	73.93	ng		-0.02
78) Terphenyl-d14	17.12	244	1079942	70.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	98195	29.61	ng	#	67
3) Pyridine	2.49	79	254892	35.16	ng	#	62
4) n-Nitrosodimethylamine	2.47	42	219016	39.21	ng	#	49
6) Aniline	7.02	93	250187	22.77	ng		92
8) 2-Chlorophenol	7.19	128	296205	37.79	ng		90
9) Benzaldehyde	6.86	77	28485	6.08	ng		95
10) Phenol	7.08	94	367171	39.59	ng		85
11) bis(2-Chloroethyl)ether	7.15	93	285644	38.06	ng		90
12) 1,3-Dichlorobenzene	7.40	146	310405	36.31	ng	#	94
13) 1,4-Dichlorobenzene	7.53	146	312698	35.63	ng		94
14) 1,2-Dichlorobenzene	7.76	146	297962	36.70	ng		96
15) Benzyl Alcohol	7.80	79	245745	39.69	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.01	45	561523	33.25	ng		97
17) 2-Methylphenol	8.02	107	239095	38.06	ng	#	89
18) Hexachloroethane	8.28	117	118859	36.30	ng	#	87
19) n-Nitroso-di-n-propylamine	8.23	70	239883	37.88	ng	#	73
20) 3+4-Methylphenols	8.28	107	306623	40.38	ng	#	60
22) Acetophenone	8.19	105	425187	38.77	ng	#	97
24) Nitrobenzene	8.44	77	342460	35.62	ng		95
25) Isophorone	8.84	82	584265	35.76	ng		99
26) 2-Nitrophenol	8.96	139	148861	37.87	ng	#	74
27) 2,4-Dimethylphenol	9.11	122	266867	39.11	ng		89
28) bis(2-Chloroethoxy)methane	9.23	93	351046	38.15	ng		98
29) 2,4-Dichlorophenol	9.38	162	239278	38.91	ng		99
30) 1,2,4-Trichlorobenzene	9.46	180	256261	36.41	ng		97
31) Naphthalene	9.56	128	840232	36.53	ng		99
32) Benzoic acid	9.43	122	125995	37.33	ng	#	77
33) 4-Chloroaniline	9.74	127	91564	10.81	ng	#	91
34) Hexachlorobutadiene	9.78	225	146486	34.24	ng		98
35) Caprolactam	10.33	113	75356m	41.99	ng		
36) 4-Chloro-3-methylphenol	10.59	107	282471	40.63	ng		94
37) 2-Methylnaphthalene	10.70	142	544078	37.86	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	239421	34.36	ng		98
40) Hexachlorocyclopentadiene	10.95	237	176762	63.81	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	142312	35.38	ng		94
43) 2,4,5-Trichlorophenol	11.29	196	147208	35.94	ng	#	90
45) 1,1'-Biphenyl	11.46	154	679870	37.09	ng		97
46) 2-Chloronaphthalene	11.48	162	508121	36.23	ng		96
47) 2-Nitroaniline	11.70	65	207476	41.06	ng	#	78
48) Acenaphthylene	12.14	152	818959	36.89	ng		99
49) Dimethylphthalate	12.02	163	643269	36.88	ng		99
50) 2,6-Dinitrotoluene	12.11	165	134634	38.31	ng	#	78
51) Acenaphthene	12.42	154	505472	37.04	ng		97
52) 3-Nitroaniline	12.39	138	64435	17.87	ng		90
53) 2,4-Dinitrophenol	12.58	184	122747	69.21	ng	#	79
54) Dibenzofuran	12.71	168	753253	40.77	ng		96
55) 4-Nitrophenol	12.78	139	117695	68.41	ng	#	43
56) 2,4-Dinitrotoluene	12.78	165	188287	40.09	ng	#	89
57) Fluorene	13.26	166	606691	37.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	129148	40.98	ng		98
59) Diethylphthalate	13.17	149	630627	37.19	ng		100
60) 4-Chlorophenyl-phenylether	13.29	204	284695	36.44	ng		90
61) 4-Nitroaniline	13.38	138	126887	37.69	ng	#	61
62) Azobenzene	13.54	77	739795	42.06	ng		85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96718	35.57	ng	#	64
65) n-Nitrosodiphenylamine	13.51	169	523140	37.83	ng		100
66) 4-Bromophenyl-phenylether	14.07	248	162288	34.69	ng		94
67) Hexachlorobenzene	14.14	284	173580	35.48	ng	#	65
68) Atrazine	14.42	200	154538	35.06	ng		95
69) Pentachlorophenol	14.50	266	86692	58.79	ng		98
70) Phenanthrene	14.81	178	890633	37.60	ng		99
71) Anthracene	14.89	178	914337	38.21	ng		99
72) Carbazole	15.18	167	798614	39.13	ng		99
73) Di-n-butylphthalate	15.76	149	972881	36.86	ng	#	98
74) Fluoranthene	16.56	202	899322	37.87	ng		97
76) Benzidine	16.80	184	134192	16.03	ng		97
77) Pyrene	16.87	202	907821	38.77	ng		100
79) Butylbenzylphthalate	17.78	149	383401	36.92	ng	#	75
80) Benzo(a)anthracene	18.45	228	710918	38.42	ng		99
81) 3,3'-Dichlorobenzidine	18.43	252	122592	11.99	ng		99
82) Chrysene	18.49	228	699085	38.07	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	489029	32.28	ng		96
84) Di-n-octyl phthalate	19.30	149	735424	31.83	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.35	276	518436	35.22	ng		94
87) Benzo(b)fluoranthene	19.73	252	561883	38.98	ng	#	93
88) Benzo(k)fluoranthene	19.75	252	540834m	43.59	ng		
89) Benzo(a)pyrene	20.07	252	502622	40.32	ng		97
90) Dibenzo(a,h)anthracene	21.36	278	434047	40.82	ng	#	93
91) Benzo(g,h,i)perylene	21.70	276	433101	41.29	ng	#	90

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

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