Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088469.D
Acq On : 27 Jun 2016 23:48
Operator : UM/SJ
Sample : H3630-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP03E-1224MS

Quant Time: Jun 28 07:00:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	56945	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	220376	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	91475	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	147318	20.00	ng		0.00
75) Chrysene-d12	13.70	240	91716	20.00	ng		0.01
86) Perylene-d12	15.09	264	81025	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	494639	148.50	ng		0.00
7) Phenol-d6	6.23	99	592586	146.79	ng		-0.01
23) Nitrobenzene-d5	7.12	82	350269	92.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.38	330	112483	116.46	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	572621	99.27	ng		-0.01
78) Terphenyl-d14	12.64	244	379832	94.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	66097	40.84	ng	#	28
3) Pyridine	2.63	79	98847	25.87	ng		92
4) n-Nitrosodimethylamine	2.57	42	61228	37.83	ng		81
6) Aniline	6.25	93	72421	12.60	ng	#	3
8) 2-Chlorophenol	6.34	128	200112	50.75	ng		86
10) Phenol	6.24	94	252275	61.43	ng		91
11) bis(2-Chloroethyl)ether	6.30	93	233327	65.92	ng	#	79
12) 1,3-Dichlorobenzene	6.48	146	204924	48.44	ng		97
13) 1,4-Dichlorobenzene	6.56	146	219118	51.42	ng		98
14) 1,2-Dichlorobenzene	6.72	146	189421	48.88	ng		96
15) Benzyl Alcohol	6.72	79	139804	44.27	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	186464	38.99	ng		75
17) 2-Methylphenol	6.84	107	140361	43.90	ng	#	90
18) Hexachloroethane	7.05	117	77854	51.49	ng		97
19) n-Nitroso-di-n-propylamine	6.98	70	133285	51.61	ng	#	87
20) 3+4-Methylphenols	7.00	107	182617	48.95	ng	#	77
22) Acetophenone	6.97	105	259776	52.75	ng	#	98
24) Nitrobenzene	7.14	77	186015	50.88	ng		90
25) Isophorone	7.38	82	353558	50.58	ng	#	97
26) 2-Nitrophenol	7.46	139	99727	50.93	ng	#	80
27) 2,4-Dimethylphenol	7.52	122	155133	43.03	ng		93
28) bis(2-Chloroethoxy)methane	7.60	93	214944	49.58	ng		95
29) 2,4-Dichlorophenol	7.71	162	171083	56.83	ng		95
30) 1,2,4-Trichlorobenzene	7.78	180	158748	48.43	ng		99
31) Naphthalene	7.86	128	534552	49.02	ng		99
32) Benzoic acid	7.68	122	43208	21.76	ng		91
33) 4-Chloroaniline	7.94	127	81374	16.71	ng		98
34) Hexachlorobutadiene	7.98	225	87324	50.51	ng		97
35) Caprolactam	8.27	113	81121m	81.35	ng		
36) 4-Chloro-3-methylphenol	8.43	107	148070	45.99	ng		98
37) 2-Methylnaphthalene	8.55	142	318622	44.33	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	137430	72.49	ng	#	1
42) 2,4,6-Trichlorophenol	8.84	196	89221	48.77	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	84163	44.22	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.02	154	399058	60.22	ng		97
46) 2-Chloronaphthalene	9.04	162	303243	51.23	ng		98
47) 2-Nitroaniline	9.15	65	84993	48.67	ng	#	62
48) Acenaphthylene	9.45	152	436964	46.41	ng		99
49) Dimethylphthalate	9.32	163	400733	60.48	ng		99
50) 2,6-Dinitrotoluene	9.39	165	79931	52.67	ng	#	78
51) Acenaphthene	9.62	154	268838	45.77	ng		99
52) 3-Nitroaniline	9.56	138	55367	31.62	ng	#	83
53) 2,4-Dinitrophenol	9.70	184	4909	10.13	ng	#	1
54) Dibenzofuran	9.79	168	388271	48.00	ng	#	90
55) 4-Nitrophenol	9.77	139	46032m	33.87	ng		
56) 2,4-Dinitrotoluene	9.80	165	95614	49.03	ng		96
57) Fluorene	10.12	166	287654	53.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	68007	45.47	ng	#	50
59) Diethylphthalate	10.02	149	376303	56.10	ng		100
60) 4-Chlorophenyl-phenylether	10.12	204	133176	49.51	ng		97
61) 4-Nitroaniline	10.18	138	70916	42.70	ng		97
62) Azobenzene	10.28	77	311969	47.03	ng		94
64) 4,6-Dinitro-2-methylphenol	10.22	198	9734	12.27	ng	#	73
65) n-Nitrosodiphenylamine	10.25	169	291663	59.67	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	75396	47.71	ng	#	73
67) Hexachlorobenzene	10.67	284	74474	45.35	ng		97
68) Atrazine	10.79	200	75745	51.17	ng		94
69) Pentachlorophenol	10.88	266	65802	76.02	ng		96
70) Phenanthrene	11.08	178	380035	49.16	ng		99
71) Anthracene	11.14	178	380172	48.75	ng		98
72) Carbazole	11.30	167	372475	51.04	ng		99
73) Di-n-butylphthalate	11.63	149	444201	48.09	ng		99
74) Fluoranthene	12.27	202	358623	43.96	ng		96
76) Benzidine	12.42	184	12363	4.87	ng	#	15
77) Pyrene	12.50	202	342451	50.32	ng		98
79) Butylbenzylphthalate	13.12	149	158117	52.55	ng	#	79
80) Benzo(a)anthracene	13.69	228	246431	47.15	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	47302	33.65	ng	#	93
82) Chrysene	13.73	228	246439	50.12	ng		98
83) Bis(2-ethylhexyl)phthalate	13.69	149	186261	50.85	ng	#	99
84) Di-n-octyl phthalate	14.31	149	311549	52.34	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.34	276	244396	53.50	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	206814m	36.62	ng		
88) Benzo(k)fluoranthene	14.73	252	238098m	55.89	ng		
89) Benzo(a)pyrene	15.03	252	211454	46.28	ng	#	86
90) Dibenzo(a,h)anthracene	16.34	278	207753	48.96	ng	#	94
91) Benzo(g,h,i)perylene	16.71	276	201247	46.10	ng		96

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

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