Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088470.D
Acq On : 28 Jun 2016 00:17
Operator : UM/SJ
Sample : H3630-09MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP03E-1224MSD

Quant Time: Jun 28 14:24:51 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	59923	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	219232	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	88517	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	147187	20.00	ng		0.00
75) Chrysene-d12	13.70	240	86060	20.00	ng		0.01
86) Perylene-d12	15.09	264	78277	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	518288	147.86	ng		0.00
7) Phenol-d6	6.23	99	589580	138.79	ng		-0.01
23) Nitrobenzene-d5	7.13	82	364471	97.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.38	330	110278	117.99	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	602451	108.45	ng		-0.01
78) Terphenyl-d14	12.65	244	406070	107.37	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	63457	37.26	ng	#	19
3) Pyridine	2.63	79	113813	28.30	ng		91
4) n-Nitrosodimethylamine	2.58	42	72253	42.42	ng		79
6) Aniline	6.25	93	62157m	10.28	ng		
8) 2-Chlorophenol	6.34	128	208230	50.19	ng		88
10) Phenol	6.24	94	259945	60.10	ng		89
11) bis(2-Chloroethyl)ether	6.30	93	245458m	65.90	ng		
12) 1,3-Dichlorobenzene	6.48	146	210270	47.24	ng		99
13) 1,4-Dichlorobenzene	6.56	146	220720	49.22	ng		97
14) 1,2-Dichlorobenzene	6.72	146	199049	48.81	ng		95
15) Benzyl Alcohol	6.72	79	145717	43.85	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	194006	38.55	ng		81
17) 2-Methylphenol	6.84	107	152098	45.21	ng	#	88
18) Hexachloroethane	7.05	117	81753	51.38	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	132332	48.69	ng		89
20) 3+4-Methylphenols	7.00	107	194551	49.56	ng	#	78
22) Acetophenone	6.97	105	269089	54.92	ng	#	98
24) Nitrobenzene	7.14	77	190460	52.37	ng		89
25) Isophorone	7.38	82	363806	52.32	ng	#	96
26) 2-Nitrophenol	7.46	139	101793	52.25	ng	#	83
27) 2,4-Dimethylphenol	7.52	122	157193	43.83	ng		91
28) bis(2-Chloroethoxy)methane	7.60	93	215791	50.03	ng		94
29) 2,4-Dichlorophenol	7.72	162	173245	57.85	ng		95
30) 1,2,4-Trichlorobenzene	7.78	180	161835	49.63	ng		98
31) Naphthalene	7.86	128	590088	54.39	ng		100
32) Benzoic acid	7.69	122	40985	20.75	ng		98
33) 4-Chloroaniline	7.94	127	76867	15.87	ng		98
34) Hexachlorobutadiene	7.98	225	90932	52.87	ng		99
35) Caprolactam	8.27	113	89897m	90.62	ng		
36) 4-Chloro-3-methylphenol	8.43	107	147953	46.20	ng		96
37) 2-Methylnaphthalene	8.55	142	323913	45.30	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	134833	75.81	ng	#	1
42) 2,4,6-Trichlorophenol	8.84	196	91280	51.57	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	81110	44.04	ng	#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.02	154	382654	59.61	ng		97
46) 2-Chloronaphthalene	9.04	162	300432	52.45	ng		99
47) 2-Nitroaniline	9.15	65	88035	52.10	ng	#	68
48) Acenaphthylene	9.45	152	444064	48.74	ng		99
49) Dimethylphthalate	9.32	163	400179	62.41	ng		100
50) 2,6-Dinitrotoluene	9.39	165	77299	52.64	ng	#	65
51) Acenaphthene	9.62	154	277794	48.87	ng		97
52) 3-Nitroaniline	9.56	138	58193	34.34	ng	#	86
53) 2,4-Dinitrophenol	9.71	184	4220	9.37	ng	#	27
54) Dibenzofuran	9.79	168	399589	51.05	ng	#	90
55) 4-Nitrophenol	9.77	139	46207m	35.13	ng		
56) 2,4-Dinitrotoluene	9.80	165	97654	51.75	ng		94
57) Fluorene	10.14	166	296163	57.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	67438	46.60	ng	#	52
59) Diethylphthalate	10.02	149	374017	57.63	ng		100
60) 4-Chlorophenyl-phenylether	10.12	204	133828	51.41	ng		96
61) 4-Nitroaniline	10.18	138	70783	44.04	ng		98
62) Azobenzene	10.28	77	307704	47.94	ng		95
64) 4,6-Dinitro-2-methylphenol	10.22	198	9589	12.13	ng	#	63
65) n-Nitrosodiphenylamine	10.25	169	299074	61.24	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	75515	47.82	ng	#	69
67) Hexachlorobenzene	10.67	284	74144	45.19	ng		90
68) Atrazine	10.79	200	75020	50.73	ng		93
69) Pentachlorophenol	10.88	266	62342	72.08	ng		96
70) Phenanthrene	11.08	178	391730	50.72	ng		99
71) Anthracene	11.14	178	397086	50.97	ng		98
72) Carbazole	11.30	167	374645	51.39	ng		99
73) Di-n-butylphthalate	11.63	149	425567	46.11	ng		100
74) Fluoranthene	12.27	202	351814	43.16	ng		98
76) Benzidine	12.42	184	12069	5.06	ng	#	1
77) Pyrene	12.50	202	360997	56.53	ng		99
79) Butylbenzylphthalate	13.13	149	160502	56.85	ng		96
80) Benzo(a)anthracene	13.70	228	248068	50.58	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	52881	40.10	ng	#	91
82) Chrysene	13.74	228	261481	56.67	ng		98
83) Bis(2-ethylhexyl)phthalate	13.69	149	178849	52.04	ng	#	99
84) Di-n-octyl phthalate	14.31	149	283464	50.76	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.35	276	237496	55.40	ng	#	100
87) Benzo(b)fluoranthene	14.72	252	243022m	44.54	ng		
88) Benzo(k)fluoranthene	14.74	252	193897m	47.11	ng		
89) Benzo(a)pyrene	15.04	252	217673	49.31	ng	#	84
90) Dibenzo(a,h)anthracene	16.35	278	206855	50.46	ng	#	94
91) Benzo(g,h,i)perylene	16.72	276	199723	47.36	ng		99

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

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