Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089125.D
Acq On : 19 Jul 2016 18:40
Operator : UM/SJ
Sample : H4025-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-60-071116MSD

Quant Time: Jul 20 03:44:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:28:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	55282	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	219945	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	98731	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	165438	20.00	ng		0.00
75) Chrysene-d12	13.75	240	97130	20.00	ng		-0.01
86) Perylene-d12	15.11	264	90412	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	345577	93.69	ng		0.01
7) Phenol-d6	6.28	99	405635	85.11	ng		0.00
23) Nitrobenzene-d5	7.20	82	322655	76.88	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	77683	84.73	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	578560	92.56	ng		0.00
78) Terphenyl-d14	12.71	244	371080	85.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	43544	23.81	ng	#	87
3) Pyridine	2.83	79	84860	15.99	ng		92
4) n-Nitrosodimethylamine	2.78	42	56503	27.87	ng		95
6) Aniline	6.28	93	70710	10.18	ng	#	11
8) 2-Chlorophenol	6.41	128	131734	33.23	ng		99
9) Benzaldehyde	6.16	77	26631	8.25	ng		85
10) Phenol	6.30	94	154083	28.33	ng		80
11) bis(2-Chloroethyl)ether	6.36	93	129431	31.91	ng		91
12) 1,3-Dichlorobenzene	6.56	146	129102m	29.59	ng		
13) 1,4-Dichlorobenzene	6.64	146	137848	31.83	ng		95
14) 1,2-Dichlorobenzene	6.80	146	126296	31.16	ng		97
15) Benzyl Alcohol	6.78	79	117803	33.58	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	146003	24.85	ng	#	47
17) 2-Methylphenol	6.90	107	103793	32.09	ng	#	92
18) Hexachloroethane	7.13	117	46521	27.77	ng	#	81
19) n-Nitroso-di-n-propylamine	7.05	70	94632	29.56	ng		95
20) 3+4-Methylphenols	7.06	107	139220	35.87	ng	#	78
22) Acetophenone	7.04	105	195921	36.70	ng	#	93
24) Nitrobenzene	7.21	77	132903	31.41	ng	#	80
25) Isophorone	7.46	82	267290	34.38	ng		98
26) 2-Nitrophenol	7.53	139	65254	37.60	ng		94
27) 2,4-Dimethylphenol	7.59	122	123655	34.21	ng		90
28) bis(2-Chloroethoxy)methane	7.68	93	166832	32.98	ng		98
29) 2,4-Dichlorophenol	7.78	162	111934	38.32	ng		97
30) 1,2,4-Trichlorobenzene	7.85	180	111977	34.93	ng		97
31) Naphthalene	7.93	128	393115	36.25	ng		99
32) Benzoic acid	7.72	122	63515	24.20	ng		93
33) 4-Chloroaniline	7.99	127	57542	11.93	ng		97
34) Hexachlorobutadiene	8.06	225	65403	38.11	ng		98
35) Caprolactam	8.35	113	27056	27.27	ng		96
36) 4-Chloro-3-methylphenol	8.49	107	124943	36.17	ng		99
37) 2-Methylnaphthalene	8.63	142	252262	36.13	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	98879	30.11	ng	#	1
40) Hexachlorocyclopentadiene	8.78	237	23689	14.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	69547	32.12	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	74083	39.77	ng		98
45) 1,1'-Biphenyl	9.08	154	279854	34.23	ng		99
46) 2-Chloronaphthalene	9.11	162	221903	34.57	ng		99
47) 2-Nitroaniline	9.21	65	82089	36.04	ng		95
48) Acenaphthylene	9.52	152	351780	34.45	ng		99
49) Dimethylphthalate	9.39	163	257446	36.60	ng		100
50) 2,6-Dinitrotoluene	9.45	165	53140	34.09	ng	#	39
51) Acenaphthene	9.69	154	223685	35.73	ng		99
52) 3-Nitroaniline	9.62	138	32789	16.55	ng	#	76
53) 2,4-Dinitrophenol	9.74	184	13799	20.05	ng	#	81
54) Dibenzofuran	9.86	168	309933	37.83	ng	#	88
55) 4-Nitrophenol	9.80	139	71832	47.70	ng		92
56) 2,4-Dinitrotoluene	9.86	165	74058	36.33	ng	#	69
57) Fluorene	10.20	166	255979	40.54	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	52834	36.66	ng	#	50
59) Diethylphthalate	10.09	149	270909	38.38	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	111429	37.98	ng	#	86
61) 4-Nitroaniline	10.23	138	54596	28.63	ng		79
62) Azobenzene	10.35	77	275802	34.25	ng		92
64) 4,6-Dinitro-2-methylphenol	10.26	198	12528	14.16	ng		95
65) n-Nitrosodiphenylamine	10.32	169	209231	37.37	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	65176	39.09	ng	#	86
67) Hexachlorobenzene	10.75	284	61508	33.33	ng	#	77
68) Atrazine	10.86	200	64143	36.76	ng		98
69) Pentachlorophenol	10.95	266	54246	49.67	ng		96
70) Phenanthrene	11.15	178	315173	34.85	ng		99
71) Anthracene	11.21	178	338509	37.64	ng		98
72) Carbazole	11.36	167	267221	31.57	ng		99
73) Di-n-butylphthalate	11.70	149	381199	38.72	ng		98
74) Fluoranthene	12.33	202	270463	29.50	ng		99
76) Benzidine	12.46	184	60648	12.35	ng		97
77) Pyrene	12.56	202	292016	35.46	ng		98
79) Butylbenzylphthalate	13.19	149	133787	36.42	ng	#	75
80) Benzo(a)anthracene	13.74	228	228483	36.53	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	75280	32.01	ng		98
82) Chrysene	13.78	228	227262	36.73	ng		97
83) Bis(2-ethylhexyl)phthalate	13.76	149	193465	46.13	ng	#	99
84) Di-n-octyl phthalate	14.37	149	324929	45.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.34	276	165926	34.85	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	231828m	40.88	ng		
88) Benzo(k)fluoranthene	14.77	252	171326m	34.70	ng		
89) Benzo(a)pyrene	15.05	252	182934	38.10	ng	#	96
90) Dibenzo(a,h)anthracene	16.35	278	142869	35.63	ng		98
91) Benzo(g,h,i)perylene	16.72	276	131165	31.61	ng		94

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

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