Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
Data File : BF089547.D
Acq On : 2 Aug 2016 15:13
Operator : UM/SJ
Sample : H4269-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52-13.0-14.0MSD

Quant Time: Aug 03 11:44:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 01:32:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	45580	20.00	ng		0.01
21) Naphthalene-d8	7.76	136	186889	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	80398	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	143855	20.00	ng		0.00
75) Chrysene-d12	13.59	240	89313	20.00	ng		-0.01
86) Perylene-d12	14.91	264	83758	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	415515	145.56	ng		0.02
7) Phenol-d6	6.15	99	506874	134.36	ng		0.01
23) Nitrobenzene-d5	7.05	82	325807	102.90	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	99759	149.82	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	583672	106.54	ng		0.00
78) Terphenyl-d14	12.56	244	409260	107.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	51393	39.71	ng		97
3) Pyridine	2.49	79	122700	43.93	ng		97
4) n-Nitrosodimethylamine	2.47	42	61387	52.52	ng		94
6) Aniline	6.14	93	193031m	47.39	ng		
8) 2-Chlorophenol	6.26	128	169119	52.38	ng		96
9) Benzaldehyde	6.01	77	82770	44.93	ng		92
10) Phenol	6.16	94	234646	56.37	ng		85
11) bis(2-Chloroethyl)ether	6.23	93	167361	47.32	ng		96
12) 1,3-Dichlorobenzene	6.41	146	158504	46.93	ng		95
13) 1,4-Dichlorobenzene	6.49	146	175754	47.15	ng		96
14) 1,2-Dichlorobenzene	6.64	146	154603m	44.28	ng		
15) Benzyl Alcohol	6.64	79	140102	59.84	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	184368	47.79	ng		88
17) 2-Methylphenol	6.76	107	126905	50.85	ng		95
18) Hexachloroethane	6.98	117	62969	44.06	ng	#	88
19) n-Nitroso-di-n-propylamine	6.91	70	120647	53.03	ng	#	90
20) 3+4-Methylphenols	6.92	107	165392	51.60	ng	#	85
22) Acetophenone	6.90	105	213568	48.00	ng	#	97
24) Nitrobenzene	7.07	77	181297	50.31	ng		99
25) Isophorone	7.31	82	325899	51.10	ng		98
26) 2-Nitrophenol	7.39	139	82406	51.15	ng		94
27) 2,4-Dimethylphenol	7.45	122	146611	57.12	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	195812	55.46	ng		99
29) 2,4-Dichlorophenol	7.63	162	129331	55.30	ng		90
30) 1,2,4-Trichlorobenzene	7.71	180	132045	49.48	ng		99
31) Naphthalene	7.78	128	469445	50.73	ng		100
32) Benzoic acid	7.58	122	15271	8.54	ng		100
33) 4-Chloroaniline	7.85	127	137072	38.90	ng		100
34) Hexachlorobutadiene	7.91	225	73215	47.91	ng		98
35) Caprolactam	8.24	113	38911m	55.12	ng		
36) 4-Chloro-3-methylphenol	8.35	107	152076	54.71	ng		100
37) 2-Methylnaphthalene	8.48	142	286635	51.40	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	106668	37.91	ng		99
40) Hexachlorocyclopentadiene	8.63	237	53500	68.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	81191	60.70	ng		98
43) 2,4,5-Trichlorophenol	8.81	196	94809	55.96	ng		98
45) 1,1'-Biphenyl	8.94	154	309031	45.14	ng		98
46) 2-Chloronaphthalene	8.96	162	273961	53.29	ng		98
47) 2-Nitroaniline	9.07	65	92783	60.94	ng		99
48) Acenaphthylene	9.37	152	426592	52.68	ng		99
49) Dimethylphthalate	9.26	163	424743	69.42	ng		99
50) 2,6-Dinitrotoluene	9.31	165	65900	52.42	ng	#	73
51) Acenaphthene	9.54	154	259840	54.95	ng		99
52) 3-Nitroaniline	9.48	138	64765	48.81	ng		94
53) 2,4-Dinitrophenol	9.60	184	18701	43.48	ng	#	83
54) Dibenzofuran	9.71	168	376170	58.38	ng		97
55) 4-Nitrophenol	9.68	139	62737m	95.77	ng		
56) 2,4-Dinitrotoluene	9.72	165	94055	56.83	ng	#	58
57) Fluorene	10.04	166	275667	49.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	70959	62.73	ng	#	99
59) Diethylphthalate	9.95	149	336538	54.25	ng		94
60) 4-Chlorophenyl-phenylether	10.04	204	120969	46.89	ng	#	76
61) 4-Nitroaniline	10.10	138	66174	48.39	ng		88
62) Azobenzene	10.20	77	346122	54.18	ng		96
64) 4,6-Dinitro-2-methylphenol	10.14	198	28975	34.69	ng		91
65) n-Nitrosodiphenylamine	10.17	169	248276	55.31	ng		100
66) 4-Bromophenyl-phenylether	10.54	248	70303	51.19	ng	#	91
67) Hexachlorobenzene	10.59	284	72965	51.84	ng	#	87
68) Atrazine	10.71	200	76068	55.16	ng		98
69) Pentachlorophenol	10.80	266	66687	96.45	ng		98
70) Phenanthrene	11.00	178	375264	50.58	ng		98
71) Anthracene	11.05	178	421421	51.09	ng		100
72) Carbazole	11.21	167	359876	51.83	ng		98
73) Di-n-butylphthalate	11.55	149	445037	47.77	ng		100
74) Fluoranthene	12.17	202	354402	45.41	ng		95
76) Benzidine	12.32	184	198816	60.25	ng		95
77) Pyrene	12.40	202	368588	54.45	ng		100
79) Butylbenzylphthalate	13.04	149	176123	57.23	ng		87
80) Benzo(a)anthracene	13.59	228	268016	53.18	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	94726	52.23	ng	#	95
82) Chrysene	13.62	228	278030	51.82	ng		100
83) Bis(2-ethylhexyl)phthalate	13.60	149	230767	51.87	ng	#	99
84) Di-n-octyl phthalate	14.21	149	357926	51.56	ng		98
85) Indeno(1,2,3-cd)pyrene	16.08	276	243037	63.71	ng		99
87) Benzo(b)fluoranthene	14.58	252	279427m	53.72	ng		
88) Benzo(k)fluoranthene	14.61	252	206353m	43.15	ng		
89) Benzo(a)pyrene	14.87	252	235013	50.37	ng		98
90) Dibenzo(a,h)anthracene	16.09	278	203698	55.42	ng	#	95
91) Benzo(g,h,i)perylene	16.42	276	197445	54.65	ng		98

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

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