Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086885.D
Acq On : 11 May 2016 7:07
Operator : UM/SJ
Sample : H2916-07MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-7KMSD

Manual Integrations APPROVED
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5/11/2016 8:19:12 PM

Quant Time: May 11 08:39:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	140073	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	542663	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	220833	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	344268	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	256474	20.00	ng		-0.01
86) Perylene-d12	15.20	264	230601	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1070480	129.42	ng		0.00
7) Phenol-d6	6.35	99	1411603	127.70	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1012970	93.73	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	251231	107.46	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1278336	97.29	ng		0.00
78) Terphenyl-d14	12.79	244	938744	77.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	149213	36.75	ng	#	68
3) Pyridine	2.90	79	452917	45.63	ng	#	62
4) n-Nitrosodimethylamine	2.86	42	343917	47.78	ng	#	51
6) Aniline	6.36	93	203955	15.26	ng	#	1
8) 2-Chlorophenol	6.48	128	416947	41.78	ng		83
9) Benzaldehyde	6.24	77	42623	6.66	ng		98
10) Phenol	6.37	94	447277	34.04	ng		92
11) bis(2-Chloroethyl)ether	6.43	93	450060	43.93	ng		88
12) 1,3-Dichlorobenzene	6.62	146	470304	43.54	ng		97
13) 1,4-Dichlorobenzene	6.70	146	479038	43.49	ng		97
14) 1,2-Dichlorobenzene	6.85	146	395471	41.20	ng		95
15) Benzyl Alcohol	6.85	79	362112	47.44	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	960225	43.11	ng		70
17) 2-Methylphenol	6.98	107	331736	41.77	ng	#	77
18) Hexachloroethane	7.20	117	177370	42.80	ng	#	92
19) n-Nitroso-di-n-propylamine	7.12	70	329884	42.70	ng	#	65
20) 3+4-Methylphenols	7.14	107	448051	43.20	ng	#	60
22) Acetophenone	7.10	105	614191	47.92	ng	#	96
24) Nitrobenzene	7.28	77	454501	40.88	ng		93
25) Isophorone	7.53	82	861380	42.96	ng	#	89
26) 2-Nitrophenol	7.60	139	224033	45.84	ng	#	79
27) 2,4-Dimethylphenol	7.65	122	346469	41.62	ng		89
28) bis(2-Chloroethoxy)methane	7.73	93	494094	45.68	ng	#	98
29) 2,4-Dichlorophenol	7.86	162	310005	42.31	ng		93
30) 1,2,4-Trichlorobenzene	7.92	180	365987	44.67	ng		97
31) Naphthalene	8.00	128	1219958	44.88	ng		99
33) 4-Chloroaniline	8.06	127	88380	8.37	ng	#	94
34) Hexachlorobutadiene	8.11	225	201811	42.46	ng		98
35) Caprolactam	8.43	113	90918	36.47	ng	#	59
36) 4-Chloro-3-methylphenol	8.56	107	307684	34.63	ng		85
37) 2-Methylnaphthalene	8.68	142	698480	43.96	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	332508	51.79	ng		98
40) Hexachlorocyclopentadiene	8.84	237	177104	58.11	ng		93
42) 2,4,6-Trichlorophenol	8.98	196	194146	45.22	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	198043	44.60	ng	#	91
45) 1,1'-Biphenyl	9.15	154	855714	48.72	ng		97
46) 2-Chloronaphthalene	9.17	162	644361	46.82	ng		95
47) 2-Nitroaniline	9.29	65	210296	41.81	ng		94
48) Acenaphthylene	9.58	152	939945	46.44	ng		99
49) Dimethylphthalate	9.46	163	903269	53.61	ng		99
50) 2,6-Dinitrotoluene	9.53	165	162071	45.71	ng	#	72
51) Acenaphthene	9.76	154	600581	47.70	ng		99
52) 3-Nitroaniline	9.70	138	88047	23.59	ng		93
53) 2,4-Dinitrophenol	9.80	184	42701	28.99	ng	#	79
54) Dibenzofuran	9.93	168	789125	48.82	ng		94
55) 4-Nitrophenol	9.88	139	154392	63.05	ng	#	63
56) 2,4-Dinitrotoluene	9.93	165	197394	44.99	ng	#	87
57) Fluorene	10.27	166	652540	47.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	151063	45.19	ng		98
59) Diethylphthalate	10.16	149	725751	44.20	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	280264	47.34	ng		94
61) 4-Nitroaniline	10.30	138	121920	34.01	ng	#	69
62) Azobenzene	10.42	77	778230	43.94	ng		83
64) 4,6-Dinitro-2-methylphenol	10.33	198	63012	29.46	ng	#	29
65) n-Nitrosodiphenylamine	10.38	169	514376	48.63	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	173416	49.68	ng		95
67) Hexachlorobenzene	10.81	284	201622	49.43	ng	#	59
68) Atrazine	10.92	200	177391	50.21	ng		95
69) Pentachlorophenol	11.01	266	170422	90.40	ng		97
70) Phenanthrene	11.22	178	838295	45.63	ng		100
71) Anthracene	11.28	178	879812	46.82	ng		100
72) Carbazole	11.44	167	714084	44.21	ng		99
73) Di-n-butylphthalate	11.77	149	933919	47.35	ng	#	98
74) Fluoranthene	12.41	202	858418	45.43	ng		92
76) Benzidine	12.53	184	217530	33.27	ng		97
77) Pyrene	12.63	202	820200	41.77	ng		99
79) Butylbenzylphthalate	13.25	149	365270	43.98	ng	#	64
80) Benzo(a)anthracene	13.81	228	650052	45.15	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	131475	14.37	ng	#	94
82) Chrysene	13.85	228	624160	42.62	ng		100
83) Bis(2-ethylhexyl)phthalate	13.81	149	498053	49.85	ng	#	94
84) Di-n-octyl phthalate	14.43	149	925989	55.95	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.49	276	592857	48.65	ng		95
87) Benzo(b)fluoranthene	14.82	252	609423m	40.66	ng		
88) Benzo(k)fluoranthene	14.84	252	632542m	51.55	ng		
89) Benzo(a)pyrene	15.14	252	600090	46.42	ng	#	96
90) Dibenzo(a,h)anthracene	16.50	278	503417	46.21	ng	#	95
91) Benzo(g,h,i)perylene	16.88	276	493807	44.61	ng	#	91

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

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