Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086884.D
Acq On : 11 May 2016 6:38
Operator : UM/SJ
Sample : H2916-07MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

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

Manual Integrations APPROVED
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5/11/2016 8:20:47 PM

Quant Time: May 11 08:37:58 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	145633	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	554049	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	227803	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	349091	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	259717	20.00	ng		-0.01
86) Perylene-d12	15.20	264	237906	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1042548	121.23	ng		0.00
7) Phenol-d6	6.35	99	1319759	114.83	ng		-0.01
23) Nitrobenzene-d5	7.26	82	971396	88.04	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	239780	99.42	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1222078	90.16	ng		-0.01
78) Terphenyl-d14	12.78	244	878949	71.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	154150	36.51	ng	#	66
3) Pyridine	2.91	79	409583	39.69	ng	#	66
4) n-Nitrosodimethylamine	2.86	42	328823	43.94	ng	#	49
6) Aniline	6.36	93	113626	8.17	ng	#	1
8) 2-Chlorophenol	6.48	128	407525	39.27	ng		86
9) Benzaldehyde	6.24	77	39597	5.95	ng		92
10) Phenol	6.36	94	423413	31.00	ng	#	54
11) bis(2-Chloroethyl)ether	6.43	93	441409	41.44	ng		90
12) 1,3-Dichlorobenzene	6.62	146	457971	40.78	ng		97
13) 1,4-Dichlorobenzene	6.70	146	457988	39.99	ng		97
14) 1,2-Dichlorobenzene	6.85	146	387663	38.84	ng		95
15) Benzyl Alcohol	6.85	79	343624	43.30	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	901271	38.92	ng		68
17) 2-Methylphenol	6.98	107	313470	37.96	ng	#	78
18) Hexachloroethane	7.20	117	172692	40.08	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	331653	41.29	ng	#	67
20) 3+4-Methylphenols	7.14	107	426330	39.53	ng	#	61
22) Acetophenone	7.10	105	585375	44.73	ng	#	97
24) Nitrobenzene	7.28	77	440496	38.81	ng		94
25) Isophorone	7.52	82	829053	40.50	ng		96
26) 2-Nitrophenol	7.60	139	214160	42.92	ng	#	82
27) 2,4-Dimethylphenol	7.65	122	334122	39.31	ng		89
28) bis(2-Chloroethoxy)methane	7.73	93	493673	44.71	ng		98
29) 2,4-Dichlorophenol	7.85	162	292853	39.15	ng		93
30) 1,2,4-Trichlorobenzene	7.92	180	352732	42.17	ng		96
31) Naphthalene	8.00	128	1179423	42.50	ng		99
33) 4-Chloroaniline	8.06	127	65290	6.05	ng	#	92
34) Hexachlorobutadiene	8.11	225	194312	40.04	ng		99
35) Caprolactam	8.43	113	84827	33.33	ng	#	74
36) 4-Chloro-3-methylphenol	8.56	107	294701	32.48	ng	#	86
37) 2-Methylnaphthalene	8.68	142	672195m	41.43	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	323173	48.79	ng		99
40) Hexachlorocyclopentadiene	8.84	237	160803	51.15	ng		94
42) 2,4,6-Trichlorophenol	8.98	196	184463	41.65	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	186050	40.62	ng	#	95
45) 1,1'-Biphenyl	9.15	154	816925	45.09	ng		97
46) 2-Chloronaphthalene	9.17	162	621759	43.80	ng		95
47) 2-Nitroaniline	9.28	65	199552	38.46	ng	#	65
48) Acenaphthylene	9.58	152	908244	43.50	ng		99
49) Dimethylphthalate	9.46	163	870959	50.11	ng		99
50) 2,6-Dinitrotoluene	9.53	165	148905	40.71	ng	#	68
51) Acenaphthene	9.76	154	589017	45.35	ng		98
52) 3-Nitroaniline	9.70	138	75097	19.50	ng		94
53) 2,4-Dinitrophenol	9.80	184	35404	24.81	ng	#	82
54) Dibenzofuran	9.93	168	766663	45.98	ng		96
55) 4-Nitrophenol	9.88	139	141188	56.42	ng	#	70
56) 2,4-Dinitrotoluene	9.93	165	184058	40.66	ng	#	85
57) Fluorene	10.27	166	623991	43.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	142410	41.30	ng		97
59) Diethylphthalate	10.16	149	690372	40.76	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	261136	41.37	ng		95
61) 4-Nitroaniline	10.30	138	116050	31.38	ng	#	71
62) Azobenzene	10.42	77	750323	41.06	ng		85
64) 4,6-Dinitro-2-methylphenol	10.33	198	57653	26.59	ng	#	37
65) n-Nitrosodiphenylamine	10.38	169	489668	45.66	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	171283	48.39	ng		92
67) Hexachlorobenzene	10.81	284	186783	45.16	ng	#	62
68) Atrazine	10.92	200	162195	45.27	ng		96
69) Pentachlorophenol	11.01	266	159358	83.36	ng		97
70) Phenanthrene	11.22	178	768996	41.28	ng		100
71) Anthracene	11.28	178	837811	43.97	ng		99
72) Carbazole	11.44	167	671621	41.01	ng		99
73) Di-n-butylphthalate	11.77	149	887786	44.39	ng	#	99
74) Fluoranthene	12.41	202	799456	41.72	ng		92
76) Benzidine	12.54	184	171748	25.94	ng		95
77) Pyrene	12.62	202	786268	39.54	ng		100
79) Butylbenzylphthalate	13.25	149	349304	41.53	ng	#	60
80) Benzo(a)anthracene	13.81	228	613134	42.05	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	108107	11.67	ng	#	94
82) Chrysene	13.85	228	591301	39.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	480009	47.45	ng	#	94
84) Di-n-octyl phthalate	14.43	149	852111	50.85	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.49	276	550568	44.62	ng		95
87) Benzo(b)fluoranthene	14.82	252	580294m	37.53	ng		
88) Benzo(k)fluoranthene	14.84	252	596973m	47.15	ng		
89) Benzo(a)pyrene	15.14	252	564371	42.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.50	278	470430	41.85	ng	#	94
91) Benzo(g,h,i)perylene	16.88	276	457375	40.05	ng	#	90

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

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