Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090256.D
Acq On : 27 Sep 2016 17:16
Operator : UM/SJ
Sample : H4933-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-15-15.5MSD

Manual Integrations APPROVED
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9/28/2016 1:52:14 PM

Quant Time: Sep 27 18:13:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 27 17:01:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	133327	20.00	ng		-0.01
21) Naphthalene-d8	7.76	136	530092	20.00	ng		-0.01
38) Acenaphthene-d10	9.51	164	314563	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	476201	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	406991	20.00	ng		-0.01
86) Perylene-d12	14.90	264	306215	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	972302	118.87	ng		0.01
7) Phenol-d6	6.14	99	1199099	118.70	ng		0.00
23) Nitrobenzene-d5	7.05	82	776538	84.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	341136	126.41	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	1263215	78.84	ng		-0.01
78) Terphenyl-d14	12.56	244	1177766	73.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	137143	30.90	ng	#	90
3) Pyridine	2.48	79	325525	33.82	ng		99
4) n-Nitrosodimethylamine	2.43	42	129305	45.02	ng		89
6) Aniline	6.14	93	361335	28.70	ng	#	85
8) 2-Chlorophenol	6.26	128	375411	39.89	ng	#	80
9) Benzaldehyde	6.01	77	217170	49.33	ng		94
10) Phenol	6.15	94	446266	37.37	ng	#	75
11) bis(2-Chloroethyl)ether	6.23	93	385563	41.40	ng		89
12) 1,3-Dichlorobenzene	6.41	146	395510	40.23	ng		99
13) 1,4-Dichlorobenzene	6.49	146	410636	40.91	ng		99
14) 1,2-Dichlorobenzene	6.64	146	325321m	36.38	ng		
15) Benzyl Alcohol	6.64	79	291078	48.32	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.78	45	436502	39.23	ng		95
17) 2-Methylphenol	6.76	107	327251	44.14	ng		97
18) Hexachloroethane	6.98	117	140906	39.35	ng		98
19) n-Nitroso-di-n-propylamine	6.91	70	272357	45.90	ng		99
20) 3+4-Methylphenols	6.91	107	407396	45.77	ng		92
22) Acetophenone	6.90	105	542036	42.40	ng		98
24) Nitrobenzene	7.06	77	360108	37.79	ng		98
25) Isophorone	7.31	82	744515	38.97	ng		99
26) 2-Nitrophenol	7.38	139	189366	40.36	ng		97
27) 2,4-Dimethylphenol	7.44	122	333715	40.03	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	478120	41.37	ng		98
29) 2,4-Dichlorophenol	7.63	162	329029	45.00	ng		95
30) 1,2,4-Trichlorobenzene	7.71	180	310912	42.57	ng		95
31) Naphthalene	7.78	128	1033257	40.94	ng		100
32) Benzoic acid	7.56	122	80131	14.00	ng		96
33) 4-Chloroaniline	7.84	127	207801	19.85	ng		99
34) Hexachlorobutadiene	7.91	225	150206	38.99	ng		99
35) Caprolactam	8.22	113	117439m	48.53	ng		
36) 4-Chloro-3-methylphenol	8.34	107	342222	41.41	ng		98
37) 2-Methylnaphthalene	8.48	142	723926	46.12	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	243714	33.75	ng		99
40) Hexachlorocyclopentadiene	8.63	237	268156	75.26	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	202528	39.36	ng		98
43) 2,4,5-Trichlorophenol	8.80	196	212678	39.92	ng	#	90
45) 1,1'-Biphenyl	8.94	154	771907	34.30	ng		99
46) 2-Chloronaphthalene	8.96	162	662906	39.93	ng		98
47) 2-Nitroaniline	9.06	65	206101	41.17	ng		87
48) Acenaphthylene	9.37	152	1047833	38.86	ng		99
49) Dimethylphthalate	9.26	163	1139883	56.89	ng		99
50) 2,6-Dinitrotoluene	9.31	165	193825	43.41	ng	#	77
51) Acenaphthene	9.54	154	651748	40.72	ng		99
52) 3-Nitroaniline	9.47	138	135631	25.91	ng		99
53) 2,4-Dinitrophenol	9.59	184	169802	68.45	ng	#	85
54) Dibenzofuran	9.71	168	905661	43.00	ng		98
55) 4-Nitrophenol	9.66	139	243815	67.98	ng	#	80
56) 2,4-Dinitrotoluene	9.71	165	225281	42.66	ng	#	85
57) Fluorene	10.04	166	667049	42.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	182077	45.65	ng		96
59) Diethylphthalate	9.95	149	809324	41.83	ng		98
60) 4-Chlorophenyl-phenylether	10.06	204	280558	38.76	ng	#	75
61) 4-Nitroaniline	10.09	138	208524	39.08	ng		98
62) Azobenzene	10.20	77	825243	40.97	ng		99
64) 4,6-Dinitro-2-methylphenol	10.11	198	114594	38.42	ng	#	61
65) n-Nitrosodiphenylamine	10.17	169	601171	38.39	ng		98
66) 4-Bromophenyl-phenylether	10.54	248	199864	42.65	ng		95
67) Hexachlorobenzene	10.59	284	220974	40.46	ng		99
68) Atrazine	10.71	200	175408	40.88	ng		97
69) Pentachlorophenol	10.79	266	235155	75.86	ng		99
70) Phenanthrene	10.99	178	938147	42.12	ng		99
71) Anthracene	11.05	178	1047070	44.83	ng		100
72) Carbazole	11.21	167	1011824	40.98	ng		99
73) Di-n-butylphthalate	11.57	149	1339444	46.65	ng		98
74) Fluoranthene	12.17	202	948302	39.67	ng		99
76) Benzidine	12.31	184	469464	34.46	ng		97
77) Pyrene	12.40	202	1066868	38.31	ng		100
79) Butylbenzylphthalate	13.04	149	516619	37.92	ng	#	84
80) Benzo(a)anthracene	13.58	228	874700	39.95	ng		100
81) 3,3'-Dichlorobenzidine	13.55	252	243183	26.93	ng		98
82) Chrysene	13.61	228	628650	29.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	703180	40.34	ng	#	98
84) Di-n-octyl phthalate	14.22	149	1263502	42.07	ng		98
85) Indeno(1,2,3-cd)pyrene	16.05	276	668284	38.75	ng		97
87) Benzo(b)fluoranthene	14.57	252	876564m	51.69	ng		
88) Benzo(k)fluoranthene	14.59	252	559014m	35.13	ng		
89) Benzo(a)pyrene	14.86	252	641431	40.21	ng	#	97
90) Dibenzo(a,h)anthracene	16.07	278	564370	45.34	ng		97
91) Benzo(g,h,i)perylene	16.39	276	562095	46.14	ng		98

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

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