Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090255.D
Acq On : 27 Sep 2016 16:48
Operator : UM/SJ
Sample : H4933-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-15-15.5MS

Manual Integrations APPROVED
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9/28/2016 1:52:11 PM

Quant Time: Sep 27 18:12:14 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	137877	20.00	ng		-0.01
21) Naphthalene-d8	7.76	136	570429	20.00	ng		-0.01
38) Acenaphthene-d10	9.51	164	335904	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	526256	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	425807	20.00	ng		-0.01
86) Perylene-d12	14.90	264	349846	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	1016687	120.19	ng		0.01
7) Phenol-d6	6.14	99	1284661	122.98	ng		0.00
23) Nitrobenzene-d5	7.05	82	825558	83.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	375082	130.16	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	1297103	75.81	ng		-0.01
78) Terphenyl-d14	12.56	244	1211502	72.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	148086	32.27	ng	#	94
3) Pyridine	2.48	79	377585	37.94	ng		100
4) n-Nitrosodimethylamine	2.43	42	140397	47.27	ng		91
6) Aniline	6.14	93	409161	31.42	ng	#	84
8) 2-Chlorophenol	6.26	128	403184	41.43	ng	#	81
9) Benzaldehyde	6.01	77	239191	52.54	ng		93
10) Phenol	6.15	94	459575	37.21	ng	#	76
11) bis(2-Chloroethyl)ether	6.23	93	421252	43.74	ng		90
12) 1,3-Dichlorobenzene	6.41	146	436743	42.95	ng		99
13) 1,4-Dichlorobenzene	6.49	146	444600	42.83	ng		99
14) 1,2-Dichlorobenzene	6.64	146	358085m	38.72	ng		
15) Benzyl Alcohol	6.64	79	314841	50.54	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.78	45	469899	40.83	ng		96
17) 2-Methylphenol	6.76	107	353710	46.14	ng		96
18) Hexachloroethane	6.98	117	149327	40.33	ng		95
19) n-Nitroso-di-n-propylamine	6.91	70	286554	46.70	ng		99
20) 3+4-Methylphenols	6.92	107	443667	48.20	ng		97
22) Acetophenone	6.90	105	584270	42.47	ng		99
24) Nitrobenzene	7.06	77	392540	38.28	ng		99
25) Isophorone	7.31	82	829282	40.34	ng		99
26) 2-Nitrophenol	7.38	139	208276	41.25	ng		96
27) 2,4-Dimethylphenol	7.44	122	369825	41.23	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	516230	41.51	ng		100
29) 2,4-Dichlorophenol	7.63	162	351603	44.69	ng		95
30) 1,2,4-Trichlorobenzene	7.71	180	331697	42.21	ng		94
31) Naphthalene	7.78	128	1126626	41.48	ng		100
32) Benzoic acid	7.56	122	87789	14.26	ng		97
33) 4-Chloroaniline	7.84	127	265623	23.58	ng		99
34) Hexachlorobutadiene	7.91	225	168239	40.58	ng		98
35) Caprolactam	8.23	113	129766m	49.83	ng		
36) 4-Chloro-3-methylphenol	8.34	107	399470	44.92	ng		99
37) 2-Methylnaphthalene	8.48	142	792516	46.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	256441	33.26	ng		99
40) Hexachlorocyclopentadiene	8.63	237	301490	79.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	225962	41.13	ng		96
43) 2,4,5-Trichlorophenol	8.80	196	239398	42.08	ng	#	88
45) 1,1'-Biphenyl	8.94	154	853438	35.51	ng		99
46) 2-Chloronaphthalene	8.96	162	707710	39.92	ng		99
47) 2-Nitroaniline	9.06	65	217339	40.66	ng		88
48) Acenaphthylene	9.37	152	1130394	39.26	ng		100
49) Dimethylphthalate	9.26	163	1352158	63.20	ng		99
50) 2,6-Dinitrotoluene	9.31	165	197755	41.47	ng	#	86
51) Acenaphthene	9.54	154	706873	41.36	ng		98
52) 3-Nitroaniline	9.47	138	153647	27.48	ng		96
53) 2,4-Dinitrophenol	9.59	184	185763	70.05	ng		96
54) Dibenzofuran	9.71	168	984318	43.77	ng		97
55) 4-Nitrophenol	9.67	139	327099	85.40	ng		90
56) 2,4-Dinitrotoluene	9.71	165	240495	42.65	ng		95
57) Fluorene	10.04	166	741977	43.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	205475	48.24	ng		96
59) Diethylphthalate	9.95	149	885746	42.87	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	323406	41.84	ng	#	80
61) 4-Nitroaniline	10.09	138	236870	41.57	ng		91
62) Azobenzene	10.20	77	938165	43.62	ng		99
64) 4,6-Dinitro-2-methylphenol	10.11	198	133275	40.43	ng	#	55
65) n-Nitrosodiphenylamine	10.17	169	688569	39.79	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	220476	42.58	ng	#	92
67) Hexachlorobenzene	10.59	284	240094	39.78	ng		95
68) Atrazine	10.71	200	213736	45.07	ng		96
69) Pentachlorophenol	10.79	266	278215	81.21	ng		97
70) Phenanthrene	11.00	178	1129802	45.91	ng		99
71) Anthracene	11.05	178	1135456	43.99	ng		100
72) Carbazole	11.21	167	1102924	40.42	ng		99
73) Di-n-butylphthalate	11.56	149	1510037	47.59	ng		99
74) Fluoranthene	12.17	202	1076198	40.74	ng		100
76) Benzidine	12.31	184	596496	41.85	ng		97
77) Pyrene	12.40	202	1208279	41.47	ng		100
79) Butylbenzylphthalate	13.04	149	584435	41.01	ng	#	81
80) Benzo(a)anthracene	13.58	228	1005031	43.87	ng		100
81) 3,3'-Dichlorobenzidine	13.55	252	295550	31.28	ng		99
82) Chrysene	13.62	228	815919	36.56	ng		98
83) Bis(2-ethylhexyl)phthalate	13.61	149	832277	45.63	ng	#	99
84) Di-n-octyl phthalate	14.22	149	1490119	47.43	ng		99
85) Indeno(1,2,3-cd)pyrene	16.05	276	735718	40.78	ng		97
87) Benzo(b)fluoranthene	14.57	252	964542m	49.79	ng		
88) Benzo(k)fluoranthene	14.59	252	675209m	37.14	ng		
89) Benzo(a)pyrene	14.86	252	750097	41.16	ng	#	95
90) Dibenzo(a,h)anthracene	16.07	278	622237	43.76	ng		98
91) Benzo(g,h,i)perylene	16.39	276	614705	44.16	ng		98

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

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