Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090431.D
Acq On : 6 Oct 2016 21:15
Operator : UM/SJ
Sample : H5110-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations APPROVED
sohil
10/7/2016 7:02:32 PM

Quant Time: Oct 07 00:29:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	231626	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	956262	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	512947	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	791241	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	562792	20.00	ng		-0.01
86) Perylene-d12	15.69	264	402851	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	2267309	146.09	ng		0.01
7) Phenol-d6	6.62	99	2882590	141.81	ng		0.00
23) Nitrobenzene-d5	7.56	82	1784234	90.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	617543	148.06	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2533141	82.28	ng		-0.01
78) Terphenyl-d14	13.13	244	2382409	95.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	308040	40.26	ng	#	90
3) Pyridine	3.53	79	943946	44.25	ng	#	83
4) n-Nitrosodimethylamine	3.48	42	394165	44.78	ng	#	49
6) Aniline	6.66	93	1017763	36.25	ng		99
8) 2-Chlorophenol	6.78	128	807750	47.30	ng		97
9) Benzaldehyde	6.54	77	345146	33.59	ng		97
10) Phenol	6.65	94	1148636	48.60	ng		95
11) bis(2-Chloroethyl)ether	6.74	93	890661	49.22	ng		94
12) 1,3-Dichlorobenzene	6.94	146	829153	48.70	ng		99
13) 1,4-Dichlorobenzene	7.01	146	774115	44.77	ng		98
14) 1,2-Dichlorobenzene	7.17	146	861337	51.70	ng		98
15) Benzyl Alcohol	7.14	79	787161	50.94	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1225220	39.92	ng		92
17) 2-Methylphenol	7.25	107	729544	51.94	ng		98
18) Hexachloroethane	7.51	117	322174	47.26	ng		97
19) n-Nitroso-di-n-propylamine	7.41	70	635988	42.67	ng	#	83
20) 3+4-Methylphenols	7.40	107	824620	45.36	ng		90
22) Acetophenone	7.41	105	1159340	51.19	ng	#	88
24) Nitrobenzene	7.58	77	1053223	53.97	ng		96
25) Isophorone	7.82	82	1728875	48.10	ng		100
26) 2-Nitrophenol	7.90	139	452110	53.82	ng		96
27) 2,4-Dimethylphenol	7.94	122	821706	50.30	ng		100
28) bis(2-Chloroethoxy)methane	8.03	93	1013749	47.69	ng	#	96
29) 2,4-Dichlorophenol	8.14	162	682811	54.98	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	641305	50.10	ng		99
31) Naphthalene	8.31	128	2248153	48.73	ng		98
32) Benzoic acid	7.99	122	55685	4.90	ng		96
33) 4-Chloroaniline	8.35	127	534770	28.04	ng		98
34) Hexachlorobutadiene	8.43	225	372571	52.10	ng		99
35) Caprolactam	8.73	113	218262m	52.27	ng		
36) 4-Chloro-3-methylphenol	8.84	107	800058	51.45	ng		94
37) 2-Methylnaphthalene	9.00	142	1397584	50.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	701871	51.90	ng		99
40) Hexachlorocyclopentadiene	9.16	237	646073	87.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	431355	46.22	ng		95
43) 2,4,5-Trichlorophenol	9.32	196	446734	50.63	ng		99
45) 1,1'-Biphenyl	9.47	154	1800301	47.36	ng		98
46) 2-Chloronaphthalene	9.49	162	1294739	46.10	ng		99
47) 2-Nitroaniline	9.58	65	512494	46.25	ng		92
48) Acenaphthylene	9.91	152	2221005	47.93	ng		99
49) Dimethylphthalate	9.78	163	3044307	92.67	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	384644	52.74	ng	#	59
51) Acenaphthene	10.09	154	1450733	50.21	ng		98
52) 3-Nitroaniline	9.99	138	285174	33.47	ng		93
53) 2,4-Dinitrophenol	10.10	184	179319	55.14	ng	#	77
54) Dibenzofuran	10.26	168	1970279	52.69	ng		96
55) 4-Nitrophenol	10.15	139	617819	82.88	ng		98
56) 2,4-Dinitrotoluene	10.23	165	540427	55.68	ng	#	56
57) Fluorene	10.60	166	1541539	49.05	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	403199	61.18	ng	#	86
59) Diethylphthalate	10.47	149	1760082	51.78	ng		95
60) 4-Chlorophenyl-phenylether	10.59	204	717532	50.21	ng		98
61) 4-Nitroaniline	10.61	138	354599	41.31	ng		95
62) Azobenzene	10.75	77	1911689	48.69	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	173819	34.29	ng	#	43
65) n-Nitrosodiphenylamine	10.71	169	1376106	51.90	ng		99
66) 4-Bromophenyl-phenylether	11.08	248	410505	52.93	ng		92
67) Hexachlorobenzene	11.15	284	429976	49.78	ng	#	87
68) Atrazine	11.24	200	451310	69.03	ng		96
69) Pentachlorophenol	11.34	266	562280	109.36	ng		99
70) Phenanthrene	11.56	178	1975055	48.75	ng		98
71) Anthracene	11.62	178	2153727	52.05	ng		100
72) Carbazole	11.77	167	1826252	47.51	ng		99
73) Di-n-butylphthalate	12.10	149	2261129	48.33	ng		99
74) Fluoranthene	12.76	202	2096784	52.76	ng		92
76) Benzidine	12.87	184	947281	64.01	ng		99
77) Pyrene	12.99	202	2088879	55.66	ng		99
79) Butylbenzylphthalate	13.61	149	1108811	57.58	ng		93
80) Benzo(a)anthracene	14.18	228	1522595	48.22	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	454111	39.67	ng	#	99
82) Chrysene	14.21	228	1182831	40.70	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	1412677	51.61	ng		99
84) Di-n-octyl phthalate	14.78	149	1955528	48.19	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.21	276	1327068	64.05	ng	#	94
87) Benzo(b)fluoranthene	15.25	252	1330062	51.83	ng		97
88) Benzo(k)fluoranthene	15.28	252	1048515m	43.50	ng		
89) Benzo(a)pyrene	15.63	252	1174594	53.11	ng		99
90) Dibenzo(a,h)anthracene	17.23	278	1136801	60.41	ng	#	95
91) Benzo(g,h,i)perylene	17.66	276	1070427	59.28	ng	#	92

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

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