Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091056.D
Acq On : 7 Nov 2016 15:25
Operator : UM/SJ
Sample : H5510-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

Manual Integrations APPROVED
sohil
11/8/2016 4:31:47 PM

Quant Time: Nov 08 00:08:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 00:06:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	181682	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	763195	20.00	ng		0.00
38) Acenaphthene-d10	9.71	164	380381	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	649436	20.00	ng		0.00
75) Chrysene-d12	13.83	240	546576	20.00	ng		0.00
86) Perylene-d12	15.21	264	426327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1526999	138.81	ng		0.02
7) Phenol-d6	6.33	99	1866016	124.97	ng		0.00
23) Nitrobenzene-d5	7.24	82	1201854	85.90	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	567368	164.99	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	2264664	102.50	ng		0.00
78) Terphenyl-d14	12.79	244	2191510	100.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	186204	29.59	ng		100
3) Pyridine	2.89	79	244163	16.59	ng		95
4) n-Nitrosodimethylamine	2.83	42	220738	37.91	ng		94
6) Aniline	6.34	93	267429	15.18	ng	#	1
8) 2-Chlorophenol	6.46	128	490745	37.40	ng	#	80
9) Benzaldehyde	6.21	77	72357	8.73	ng		98
10) Phenol	6.34	94	526913	31.89	ng	#	77
11) bis(2-Chloroethyl)ether	6.42	93	550976	39.57	ng		91
12) 1,3-Dichlorobenzene	6.61	146	529856	39.92	ng		99
13) 1,4-Dichlorobenzene	6.69	146	521724	36.64	ng		99
14) 1,2-Dichlorobenzene	6.84	146	508253	38.89	ng		99
15) Benzyl Alcohol	6.83	79	407446	38.69	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	682400	34.22	ng		99
17) 2-Methylphenol	6.94	107	408823	39.36	ng		99
18) Hexachloroethane	7.18	117	206263	37.43	ng		99
19) n-Nitroso-di-n-propylamine	7.10	70	408637	39.49	ng	#	89
20) 3+4-Methylphenols	7.10	107	529314	42.44	ng		94
22) Acetophenone	7.09	105	729313	41.50	ng		95
24) Nitrobenzene	7.26	77	588589	38.09	ng		98
25) Isophorone	7.50	82	1051833	39.02	ng		98
26) 2-Nitrophenol	7.58	139	276927	42.35	ng	#	69
27) 2,4-Dimethylphenol	7.63	122	466547	43.14	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	649798	44.12	ng		99
29) 2,4-Dichlorophenol	7.82	162	394140	41.76	ng		97
30) 1,2,4-Trichlorobenzene	7.90	180	453886	42.77	ng		99
31) Naphthalene	7.98	128	1500467	41.11	ng		99
32) Benzoic acid	7.72	122	14760	6.64	ng		93
33) 4-Chloroaniline	8.04	127	142830	9.41	ng		97
34) Hexachlorobutadiene	8.10	225	220590	38.51	ng		99
35) Caprolactam	8.42	113	110685m	37.33	ng		
36) 4-Chloro-3-methylphenol	8.53	107	461023	40.35	ng		87
37) 2-Methylnaphthalene	8.67	142	919427	39.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	426014	43.93	ng		99
40) Hexachlorocyclopentadiene	8.83	237	367722	96.23	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	266779	42.61	ng		96
43) 2,4,5-Trichlorophenol	9.01	196	303037	46.10	ng		95
45) 1,1'-Biphenyl	9.14	154	1093399	39.37	ng		100
46) 2-Chloronaphthalene	9.16	162	886294	42.03	ng		99
47) 2-Nitroaniline	9.26	65	296928	37.94	ng		94
48) Acenaphthylene	9.57	152	1300108	39.56	ng		100
49) Dimethylphthalate	9.46	163	1629664	65.34	ng	#	98
50) 2,6-Dinitrotoluene	9.52	165	260173	48.67	ng	#	64
51) Acenaphthene	9.74	154	776825	37.65	ng		100
52) 3-Nitroaniline	9.68	138	134915	21.28	ng		93
53) 2,4-Dinitrophenol	9.79	184	141998	51.21	ng	#	81
54) Dibenzofuran	9.92	168	1247048	44.90	ng		100
55) 4-Nitrophenol	9.86	139	302714	72.30	ng		94
56) 2,4-Dinitrotoluene	9.92	165	291580	42.87	ng	#	72
57) Fluorene	10.26	166	918762	40.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	218986	42.53	ng		97
59) Diethylphthalate	10.16	149	1105687	43.24	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	482971	46.75	ng		93
61) 4-Nitroaniline	10.30	138	248989	38.83	ng		90
62) Azobenzene	10.42	77	1201643	39.92	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	136871	34.42	ng	#	52
65) n-Nitrosodiphenylamine	10.38	169	914659	44.31	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	273267	40.45	ng	#	67
67) Hexachlorobenzene	10.81	284	303324	40.71	ng		95
68) Atrazine	10.91	200	242094	40.65	ng		95
69) Pentachlorophenol	11.01	266	269050	81.53	ng		100
70) Phenanthrene	11.22	178	1406894	40.75	ng		99
71) Anthracene	11.28	178	1537604	41.89	ng		99
72) Carbazole	11.44	167	1393288	42.12	ng		97
73) Di-n-butylphthalate	11.77	149	1518350	36.50	ng		98
74) Fluoranthene	12.41	202	1510244	42.18	ng		88
76) Benzidine	12.53	184	113965	9.33	ng		96
77) Pyrene	12.63	202	1396924	39.03	ng		99
79) Butylbenzylphthalate	13.27	149	718137	41.94	ng	#	73
80) Benzo(a)anthracene	13.81	228	1292194	41.64	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	210777	19.33	ng		99
82) Chrysene	13.86	228	1333968	43.59	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	891083	38.46	ng	#	96
84) Di-n-octyl phthalate	14.43	149	1451003	38.09	ng		97
85) Indeno(1,2,3-cd)pyrene	16.51	276	1034655	40.75	ng		98
87) Benzo(b)fluoranthene	14.83	252	1309323m	45.28	ng		
88) Benzo(k)fluoranthene	14.85	252	903821m	35.63	ng		
89) Benzo(a)pyrene	15.15	252	985709	39.16	ng	#	97
90) Dibenzo(a,h)anthracene	16.52	278	881243	40.50	ng	#	95
91) Benzo(g,h,i)perylene	16.89	276	790868	40.19	ng		99

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

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