Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090854.D
Acq On : 26 Oct 2016 21:43
Operator : UM/SJ
Sample : H5403-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AA0MS

Manual Integrations APPROVED
sohil
10/27/2016 3:44:50 PM

Quant Time: Oct 27 02:25:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151428	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	647739	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	351403	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	611776	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	474871	20.00	ng		-0.01
86) Perylene-d12	15.37	264	339290	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1191724	137.60	ng		0.01
7) Phenol-d6	6.43	99	1415622	121.15	ng		-0.01
23) Nitrobenzene-d5	7.36	82	930551	94.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	540825	149.76	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2131535	106.51	ng		-0.01
78) Terphenyl-d14	12.90	244	2354637	124.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	178189	40.24	ng	#	74
3) Pyridine	3.15	79	310222	25.83	ng	#	68
4) n-Nitrosodimethylamine	3.07	42	168714	49.89	ng	#	64
6) Aniline	6.48	93	57905	4.34	ng	#	58
8) 2-Chlorophenol	6.58	128	488592	45.73	ng		96
9) Benzaldehyde	6.34	77	46123	7.64	ng	#	84
10) Phenol	6.45	94	462029	35.88	ng		90
11) bis(2-Chloroethyl)ether	6.53	93	530913	49.83	ng		85
12) 1,3-Dichlorobenzene	6.73	146	504927	46.20	ng	#	95
13) 1,4-Dichlorobenzene	6.81	146	521750	45.40	ng	#	95
14) 1,2-Dichlorobenzene	6.96	146	478044m	43.39	ng		
15) Benzyl Alcohol	6.93	79	317335	41.35	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.07	45	498817	47.05	ng		55
17) 2-Methylphenol	7.06	107	402848	49.56	ng	#	85
18) Hexachloroethane	7.30	117	178256	42.62	ng	#	83
19) n-Nitroso-di-n-propylamine	7.21	70	322139	47.69	ng	#	70
20) 3+4-Methylphenols	7.21	107	463831	49.29	ng	#	59
22) Acetophenone	7.21	105	655239	49.17	ng	#	85
24) Nitrobenzene	7.38	77	517525	49.45	ng	#	81
25) Isophorone	7.62	82	1012864	50.44	ng	#	93
26) 2-Nitrophenol	7.70	139	272512	48.61	ng	#	93
27) 2,4-Dimethylphenol	7.74	122	495171	54.55	ng		86
28) bis(2-Chloroethoxy)methane	7.84	93	617421	54.06	ng	#	96
29) 2,4-Dichlorophenol	7.94	162	432487	51.46	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	461483	47.51	ng		99
31) Naphthalene	8.10	128	1464936	48.38	ng		97
32) Benzoic acid	7.88	122	274068	41.59	ng		78
33) 4-Chloroaniline	8.17	127	43897	3.59	ng	#	93
34) Hexachlorobutadiene	8.21	225	250590	43.88	ng		98
35) Caprolactam	8.53	113	122609m	47.00	ng		
36) 4-Chloro-3-methylphenol	8.65	107	495914	54.25	ng		87
37) 2-Methylnaphthalene	8.78	142	980620	50.14	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	454995	47.20	ng		99
40) Hexachlorocyclopentadiene	8.94	237	499463	112.62	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	305049	49.01	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	344495	53.74	ng	#	91
45) 1,1'-Biphenyl	9.25	154	1169647	46.21	ng		93
46) 2-Chloronaphthalene	9.28	162	933085	48.46	ng	#	90
47) 2-Nitroaniline	9.38	65	295573	54.41	ng	#	79
48) Acenaphthylene	9.70	152	1563899	53.64	ng		97
49) Dimethylphthalate	9.56	163	1112898	47.40	ng	#	97
50) 2,6-Dinitrotoluene	9.62	165	250096	48.23	ng	#	64
51) Acenaphthene	9.87	154	1106715	55.12	ng		89
52) 3-Nitroaniline	9.79	138	37240	6.75	ng	#	69
53) 2,4-Dinitrophenol	9.90	184	308310	112.95	ng	#	83
54) Dibenzofuran	10.04	168	1494854	57.69	ng	#	89
55) 4-Nitrophenol	9.96	139	335899	99.78	ng	#	61
56) 2,4-Dinitrotoluene	10.03	165	402697	62.52	ng	#	92
57) Fluorene	10.38	166	1201172	56.60	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	293887	51.34	ng		99
59) Diethylphthalate	10.26	149	1217282	52.20	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	532525	51.40	ng	#	87
61) 4-Nitroaniline	10.41	138	166396	30.44	ng	#	59
62) Azobenzene	10.53	77	1261649	55.02	ng		86
64) 4,6-Dinitro-2-methylphenol	10.43	198	185983	45.85	ng		89
65) n-Nitrosodiphenylamine	10.50	169	699110	37.31	ng		91
66) 4-Bromophenyl-phenylether	10.86	248	367969	54.93	ng		95
67) Hexachlorobenzene	10.93	284	406330	51.25	ng	#	77
68) Atrazine	11.02	200	163826	28.26	ng		84
69) Pentachlorophenol	11.13	266	478762	112.56	ng		96
70) Phenanthrene	11.34	178	1710096	54.89	ng		95
71) Anthracene	11.39	178	1569388	47.84	ng		95
72) Carbazole	11.55	167	1015255	35.05	ng		96
73) Di-n-butylphthalate	11.88	149	1727963	46.27	ng	#	97
74) Fluoranthene	12.52	202	1664981	48.80	ng		95
76) Benzidine	12.68	184	9687	0.93	ng	#	81
77) Pyrene	12.75	202	1599759	53.23	ng		94
79) Butylbenzylphthalate	13.38	149	777448	57.02	ng		92
80) Benzo(a)anthracene	13.94	228	1420808	56.38	ng		95
81) 3,3'-Dichlorobenzidine	13.91	252	16493	1.69	ng		98
82) Chrysene	13.99	228	1555689m	61.03	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	1139789	64.19	ng	#	93
84) Di-n-octyl phthalate	14.56	149	1868423	62.66	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.74	276	1206693	53.42	ng	#	94
87) Benzo(b)fluoranthene	14.97	252	1250735	54.82	ng	#	88
88) Benzo(k)fluoranthene	15.00	252	1290992m	71.60	ng		
89) Benzo(a)pyrene	15.31	252	1114915	56.87	ng	#	88
90) Dibenzo(a,h)anthracene	16.75	278	1055416	63.60	ng	#	85
91) Benzo(g,h,i)perylene	17.15	276	999352	63.94	ng	#	77

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

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