Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091912.D
Acq On : 23 Dec 2016 8:17
Operator : UM/SJ
Sample : H6182-03MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916MSD

Manual Integrations APPROVED
UMANGI
12/23/2016 5:57:32 PM

Quant Time: Dec 23 16:21:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 16:13:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	170872	20.00	ng		0.01
21) Naphthalene-d8	8.08	136	476487	20.00	ng		0.03
38) Acenaphthene-d10	9.84	164	237816	20.00	ng		0.05
63) Phenanthrene-d10	11.28	188	479863	20.00	ng		0.01
75) Chrysene-d12	13.91	240	374220	20.00	ng		0.00
86) Perylene-d12	15.30	264	313555	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1647272	160.97	ng		0.06
7) Phenol-d6	6.45	99	2012121	161.05	ng		0.05
23) Nitrobenzene-d5	7.34	82	1164045	135.84	ng		0.02
41) 2,4,6-Tribromophenol	10.60	330	333522	169.46	ng		0.02
44) 2-Fluorobiphenyl	9.16	172	1399400	126.93	ng		0.05
78) Terphenyl-d14	12.85	244	1530644	99.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	238937	47.43	ng		97
3) Pyridine	3.04	79	660960	37.59	ng		99
4) n-Nitrosodimethylamine	3.01	42	335014	50.51	ng		93
6) Aniline	6.43	93	267488	16.48	ng	#	72
8) 2-Chlorophenol	6.57	128	554138	47.60	ng		98
9) Benzaldehyde	6.30	77	140867	16.17	ng	#	72
10) Phenol	6.46	94	816141	57.32	ng		82
11) bis(2-Chloroethyl)ether	6.50	93	578075	51.03	ng	#	87
12) 1,3-Dichlorobenzene	6.70	146	557858	44.89	ng	#	90
13) 1,4-Dichlorobenzene	6.78	146	574380	45.41	ng	#	87
14) 1,2-Dichlorobenzene	6.94	146	443224	40.38	ng	#	52
15) Benzyl Alcohol	6.92	79	435378	44.85	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.06	45	649672	38.51	ng	#	1
17) 2-Methylphenol	7.07	107	410307	43.83	ng	#	85
18) Hexachloroethane	7.36	117	1692563	360.94	ng	#	28
19) n-Nitroso-di-n-propylamine	7.20	70	953587	114.72	ng	#	87
20) 3+4-Methylphenols	7.22	107	549793	49.24	ng	#	75
22) Acetophenone	7.18	105	691082	58.80	ng	#	90
24) Nitrobenzene	7.36	77	856433	93.84	ng	#	88
25) Isophorone	7.61	82	1784521	112.88	ng	#	43
26) 2-Nitrophenol	7.69	139	172684	38.37	ng	#	1
27) 2,4-Dimethylphenol	7.74	122	450208	60.31	ng		91
28) bis(2-Chloroethoxy)methane	7.81	93	497630	51.91	ng	#	1
29) 2,4-Dichlorophenol	7.95	162	428912	67.85	ng	#	75
30) 1,2,4-Trichlorobenzene	8.02	180	367849	53.11	ng	#	93
31) Naphthalene	8.10	128	1491829	68.41	ng	#	82
32) Benzoic acid	7.87	122	82078	14.82	ng	#	15
33) 4-Chloroaniline	8.14	127	193940	19.72	ng	#	48
34) Hexachlorobutadiene	8.22	225	177688	48.60	ng		100
35) Caprolactam	8.53	113	838171	403.50	ng	#	1
36) 4-Chloro-3-methylphenol	8.66	107	366055	50.33	ng		89
37) 2-Methylnaphthalene	8.81	142	900815	60.23	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	254241	42.31	ng	#	87
40) Hexachlorocyclopentadiene	8.96	237	122875	47.61	ng		98

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Quant Time: Dec 23 16:21:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	176975	42.12	ng		88
43) 2,4,5-Trichlorophenol	9.14	196	119179	27.56	ng	#	1
45) 1,1'-Biphenyl	9.26	154	701433	43.08	ng		99
46) 2-Chloronaphthalene	9.29	162	534553	41.45	ng	#	89
47) 2-Nitroaniline	9.38	65	243803	53.10	ng	#	76
48) Acenaphthylene	9.70	152	978455	49.34	ng	#	89
49) Dimethylphthalate	9.55	163	832021	54.70	ng	#	90
50) 2,6-Dinitrotoluene	9.62	165	208655	62.67	ng	#	62
51) Acenaphthene	9.86	154	672176	49.99	ng		92
52) 3-Nitroaniline	9.78	138	221373	53.73	ng	#	88
53) 2,4-Dinitrophenol	9.89	184	9509	5.13	ng	#	1
54) Dibenzofuran	10.03	168	950032	52.32	ng	#	85
55) 4-Nitrophenol	9.97	139	266567	95.29	ng	#	76
56) 2,4-Dinitrotoluene	10.02	165	255770	61.21	ng	#	95
57) Fluorene	10.36	166	855176	64.74	ng	#	95
58) 2,3,4,6-Tetrachlorophenol	10.16	232	150509	44.01	ng	#	72
59) Diethylphthalate	10.24	149	885125	59.92	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	334838	57.89	ng		87
61) 4-Nitroaniline	10.38	138	206964	48.48	ng		94
62) Azobenzene	10.51	77	1088200	66.91	ng		91
64) 4,6-Dinitro-2-methylphenol	10.41	198	30109	10.38	ng	#	1
65) n-Nitrosodiphenylamine	10.46	169	848410	59.58	ng		91
66) 4-Bromophenyl-phenylether	10.83	248	249044	49.89	ng		96
67) Hexachlorobenzene	10.90	284	245744	46.06	ng	#	78
68) Atrazine	10.99	200	255024	55.52	ng		99
69) Pentachlorophenol	11.09	266	197866	75.58	ng		99
70) Phenanthrene	11.30	178	1263757	48.57	ng		98
71) Anthracene	11.36	178	1369066	82.15	ng		99
72) Carbazole	11.52	167	1168555	48.47	ng		100
73) Di-n-butylphthalate	11.85	149	1612686	67.46	ng	#	97
74) Fluoranthene	12.49	202	1279088	57.06	ng		91
76) Benzidine	12.61	184	246720	22.60	ng		95
77) Pyrene	12.70	202	1187421	43.25	ng		100
79) Butylbenzylphthalate	13.33	149	650963	52.13	ng		92
80) Benzo(a)anthracene	13.89	228	940788	44.54	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	214448	26.77	ng		97
82) Chrysene	13.93	228	881645	41.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	873608	59.40	ng	#	99
84) Di-n-octyl phthalate	14.50	149	1694981	62.22	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	756494	41.21	ng		99
87) Benzo(b)fluoranthene	14.91	252	941070m	48.21	ng		
88) Benzo(k)fluoranthene	14.93	252	834557m	50.13	ng		
89) Benzo(a)pyrene	15.24	252	815890	47.09	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	643409	45.18	ng	#	96
91) Benzo(g,h,i)perylene	17.05	276	623791	42.12	ng		99

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

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