Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091909.D
Acq On : 23 Dec 2016 6:55
Operator : UM/SJ
Sample : H6156-25MSD
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201612MSD

Manual Integrations APPROVED
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12/23/2016 5:57:29 PM

Quant Time: Dec 23 15:59:15 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 15:55:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	195986	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	755992	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	398332	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	572830	20.00	ng		0.00
75) Chrysene-d12	13.91	240	368676	20.00	ng		0.00
86) Perylene-d12	15.30	264	311276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1480658	126.15	ng		0.06
7) Phenol-d6	6.45	99	1853930	129.37	ng		0.05
23) Nitrobenzene-d5	7.32	82	1353338	99.54	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	455443	138.16	ng		0.01
44) 2-Fluorobiphenyl	9.12	172	2131495	114.05	ng		0.00
78) Terphenyl-d14	12.85	244	1505707	99.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	215611	37.31	ng		97
3) Pyridine	3.06	79	610244	30.26	ng		97
4) n-Nitrosodimethylamine	3.02	42	371813	48.87	ng		99
6) Aniline	6.42	93	284569	15.29	ng	#	45
8) 2-Chlorophenol	6.56	128	601885	45.08	ng		99
9) Benzaldehyde	6.29	77	89306	8.36	ng		95
10) Phenol	6.46	94	731926	44.82	ng	#	69
11) bis(2-Chloroethyl)ether	6.50	93	686343	52.82	ng		97
12) 1,3-Dichlorobenzene	6.69	146	638381m	44.79	ng		
13) 1,4-Dichlorobenzene	6.77	146	656754	45.27	ng		95
14) 1,2-Dichlorobenzene	6.92	146	540479	42.94	ng		97
15) Benzyl Alcohol	6.92	79	583159	52.37	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	870103	44.97	ng		86
17) 2-Methylphenol	7.06	107	527226	49.10	ng		96
18) Hexachloroethane	7.26	117	246612	45.85	ng		99
19) n-Nitroso-di-n-propylamine	7.17	70	490511	51.45	ng		99
20) 3+4-Methylphenols	7.22	107	700719	54.71	ng	#	73
22) Acetophenone	7.17	105	994537	53.34	ng	#	89
24) Nitrobenzene	7.34	77	792270	54.71	ng		92
25) Isophorone	7.58	82	1281941	51.11	ng		96
26) 2-Nitrophenol	7.65	139	308071	43.14	ng		92
27) 2,4-Dimethylphenol	7.72	122	555482	46.90	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	861989	56.67	ng		100
29) 2,4-Dichlorophenol	7.93	162	535834	53.43	ng		95
30) 1,2,4-Trichlorobenzene	7.98	180	556868	50.67	ng		94
31) Naphthalene	8.06	128	7271927	210.17	ng		97
32) Benzoic acid	7.88	122	219429	24.98	ng		99
33) 4-Chloroaniline	8.12	127	203696	13.06	ng		97
34) Hexachlorobutadiene	8.18	225	322972	55.67	ng		98
35) Caprolactam	8.49	113	110703	33.59	ng	#	53
36) 4-Chloro-3-methylphenol	8.64	107	559169	48.45	ng		87
37) 2-Methylnaphthalene	8.75	142	1370416	57.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	532242	52.89	ng		98
40) Hexachlorocyclopentadiene	8.90	237	294925	66.51	ng		97

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Quant Time: Dec 23 15:59:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	320265	45.50	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	303477	41.90	ng		97
45) 1,1'-Biphenyl	9.22	154	1551333	56.88	ng		98
46) 2-Chloronaphthalene	9.24	162	1082762	50.13	ng		95
47) 2-Nitroaniline	9.34	65	297300	38.66	ng		99
48) Acenaphthylene	9.65	152	1641598	49.42	ng		99
49) Dimethylphthalate	9.53	163	1362229	53.47	ng		100
50) 2,6-Dinitrotoluene	9.58	165	253727	45.50	ng	#	66
51) Acenaphthene	9.82	154	1076635	47.81	ng		98
52) 3-Nitroaniline	9.76	138	169463	24.56	ng		96
53) 2,4-Dinitrophenol	9.86	184	75386	24.30	ng	#	50
54) Dibenzofuran	10.00	168	1385927	45.57	ng		97
55) 4-Nitrophenol	9.96	139	254847m	54.39	ng		
56) 2,4-Dinitrotoluene	9.98	165	301337	43.06	ng	#	81
57) Fluorene	10.34	166	1104020	49.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	251863	43.96	ng		97
59) Diethylphthalate	10.22	149	1366862	55.24	ng		95
60) 4-Chlorophenyl-phenylether	10.33	204	495613	51.15	ng		97
61) 4-Nitroaniline	10.37	138	225755	31.57	ng		97
62) Azobenzene	10.49	77	1302154	47.80	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	78888	22.77	ng		74
65) n-Nitrosodiphenylamine	10.45	169	942354	55.44	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	311966	52.35	ng		98
67) Hexachlorobenzene	10.89	284	348416	54.70	ng		99
68) Atrazine	10.99	200	298431	54.43	ng		97
69) Pentachlorophenol	11.09	266	241059	77.13	ng		99
70) Phenanthrene	11.30	178	1628439	52.43	ng		99
71) Anthracene	11.34	178	1400743	55.04	ng		99
72) Carbazole	11.52	167	1316405	61.67	ng		97
73) Di-n-butylphthalate	11.84	149	1822451	63.62	ng		99
74) Fluoranthene	12.48	202	1286682	47.42	ng		97
76) Benzidine	12.61	184	112199	8.52	ng		97
77) Pyrene	12.71	202	1253129	46.33	ng		100
79) Butylbenzylphthalate	13.33	149	713804	58.02	ng		89
80) Benzo(a)anthracene	13.89	228	983490	47.26	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	222584	28.21	ng	#	97
82) Chrysene	13.93	228	856444	41.03	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	968124	66.82	ng	#	98
84) Di-n-octyl phthalate	14.50	149	1452607	54.12	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	791159	43.75	ng		98
87) Benzo(b)fluoranthene	14.91	252	1013006m	52.27	ng		
88) Benzo(k)fluoranthene	14.93	252	807063m	48.84	ng		
89) Benzo(a)pyrene	15.24	252	846426	49.21	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	670072	47.39	ng	#	96
91) Benzo(g,h,i)perylene	17.05	276	650731	44.26	ng		99

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

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