Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090812.D
Acq On : 25 Oct 2016 17:30
Operator : UM/SJ
Sample : H5367-09MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MSD

Manual Integrations APPROVED
umangi
10/26/2016 4:45:39 PM

Quant Time: Oct 25 18:28:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 17:09:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	241445	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	976612	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	549770	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	913129	20.00	ng		0.01
75) Chrysene-d12	13.97	240	623048	20.00	ng		0.01
86) Perylene-d12	15.39	264	484077	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	808635	54.01	ng		0.01
7) Phenol-d6	6.44	99	659949	32.54	ng		0.00
23) Nitrobenzene-d5	7.37	82	1498269	84.14	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	738813	169.79	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2592885	73.21	ng		0.00
78) Terphenyl-d14	12.92	244	2665714	98.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	103885	11.99	ng	#	73
3) Pyridine	3.14	79	231521	11.41	ng	#	68
4) n-Nitrosodimethylamine	3.06	42	75119	10.82	ng	#	57
6) Aniline	6.46	93	524971	22.83	ng	#	87
8) 2-Chlorophenol	6.59	128	577952	32.16	ng		94
9) Benzaldehyde	6.34	77	111625	10.07	ng	#	73
10) Phenol	6.45	94	298490	13.09	ng	#	44
11) bis(2-Chloroethyl)ether	6.53	93	716708	37.42	ng		94
12) 1,3-Dichlorobenzene	6.74	146	701416	38.85	ng	#	95
13) 1,4-Dichlorobenzene	6.82	146	736504	38.46	ng	#	95
14) 1,2-Dichlorobenzene	6.97	146	632793m	33.76	ng		
15) Benzyl Alcohol	6.94	79	320314	23.26	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.08	45	749811	26.14	ng		59
17) 2-Methylphenol	7.07	107	389300	28.75	ng	#	82
18) Hexachloroethane	7.31	117	260820	33.55	ng		89
19) n-Nitroso-di-n-propylamine	7.23	70	505031	33.44	ng	#	67
20) 3+4-Methylphenols	7.22	107	366205	22.82	ng	#	27
22) Acetophenone	7.22	105	943095	43.33	ng	#	83
24) Nitrobenzene	7.39	77	766261	39.70	ng	#	72
25) Isophorone	7.63	82	1385929	41.12	ng	#	91
26) 2-Nitrophenol	7.71	139	422198	53.54	ng	#	87
27) 2,4-Dimethylphenol	7.76	122	611664	43.74	ng	#	85
28) bis(2-Chloroethoxy)methane	7.85	93	865325	46.93	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	535839	46.69	ng		93
30) 1,2,4-Trichlorobenzene	8.03	180	630016	46.65	ng		97
31) Naphthalene	8.11	128	1910989	40.00	ng		96
32) Benzoic acid	7.85	122	94035	15.59	ng	#	74
33) 4-Chloroaniline	8.17	127	442095	24.95	ng	#	95
34) Hexachlorobutadiene	8.24	225	356602	46.96	ng		99
35) Caprolactam	8.54	113	27872	8.50	ng		90
36) 4-Chloro-3-methylphenol	8.65	107	579404	43.41	ng		84
37) 2-Methylnaphthalene	8.81	142	1410213	50.51	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	622670	41.94	ng		98
40) Hexachlorocyclopentadiene	8.96	237	634731	91.08	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	434543	47.20	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	487835	52.22	ng		95
45) 1,1'-Biphenyl	9.28	154	1761232	40.79	ng		93
46) 2-Chloronaphthalene	9.30	162	1423952	44.37	ng		96
47) 2-Nitroaniline	9.39	65	372805	35.00	ng	#	77
48) Acenaphthylene	9.71	152	2012596	41.10	ng		94
49) Dimethylphthalate	9.58	163	1755138	50.81	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	409147	55.07	ng	#	92
51) Acenaphthene	9.88	154	1231597	37.89	ng		89
52) 3-Nitroaniline	9.80	138	189861	22.23	ng	#	56
53) 2,4-Dinitrophenol	9.92	184	382528	86.35	ng	#	82
54) Dibenzofuran	10.05	168	1730583	43.95	ng	#	86
55) 4-Nitrophenol	9.97	139	148280	32.10	ng	#	72
56) 2,4-Dinitrotoluene	10.04	165	444053	48.91	ng	#	83
57) Fluorene	10.40	166	1383761	42.40	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.18	232	380759m	51.93	ng		
59) Diethylphthalate	10.28	149	1657262	46.25	ng		95
60) 4-Chlorophenyl-phenylether	10.38	204	668653	44.84	ng	#	87
61) 4-Nitroaniline	10.43	138	336775	38.94	ng	#	65
62) Azobenzene	10.54	77	1410437	33.62	ng		86
64) 4,6-Dinitro-2-methylphenol	10.45	198	266320	45.89	ng	#	78
65) n-Nitrosodiphenylamine	10.51	169	1193907	40.81	ng		90
66) 4-Bromophenyl-phenylether	10.88	248	449836	50.82	ng		97
67) Hexachlorobenzene	10.94	284	562158	53.82	ng	#	84
68) Atrazine	11.05	200	443967	54.98	ng		86
69) Pentachlorophenol	11.14	266	566551	84.21	ng		97
70) Phenanthrene	11.36	178	1944754m	41.78	ng		
71) Anthracene	11.41	178	2279051	44.15	ng		97
72) Carbazole	11.56	167	1846029	42.78	ng	#	92
73) Di-n-butylphthalate	11.91	149	2406112	42.98	ng		99
74) Fluoranthene	12.55	202	2186251	48.56	ng		88
76) Benzidine	12.67	184	459767	33.23	ng		98
77) Pyrene	12.77	202	2145998	49.32	ng	#	95
79) Butylbenzylphthalate	13.39	149	956363	47.81	ng	#	85
80) Benzo(a)anthracene	13.96	228	1474784	43.25	ng		95
81) 3,3'-Dichlorobenzidine	13.93	252	423354	35.83	ng	#	93
82) Chrysene	14.00	228	1474448m	44.31	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	1298794	45.38	ng		99
84) Di-n-octyl phthalate	14.57	149	1957643	45.07	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.77	276	1418584	48.86	ng	#	92
87) Benzo(b)fluoranthene	14.99	252	1599937m	53.75	ng		
88) Benzo(k)fluoranthene	15.01	252	1186450m	39.66	ng		
89) Benzo(a)pyrene	15.33	252	1321671	47.33	ng	#	86
90) Dibenzo(a,h)anthracene	16.79	278	1211255	45.17	ng	#	82
91) Benzo(g,h,i)perylene	17.19	276	1158404	44.54	ng	#	78

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

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