Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085836.D
Acq On : 29 Mar 2016 7:33
Operator : UM/SJ
Sample : H1905-07MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10AMSD

Manual Integrations APPROVED
Sohil
3/29/2016 12:03:45 PM

Quant Time: Mar 29 08:11:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113742	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	468981	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	198543	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	362193	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	211020	20.00	ng		0.00
86) Perylene-d12	15.40	264	204963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	821656	120.31	ng		0.02
7) Phenol-d6	6.46	99	1027770	118.36	ng		0.00
23) Nitrobenzene-d5	7.38	82	687936	82.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	291934	154.76	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1179708	99.27	ng		-0.01
78) Terphenyl-d14	12.93	244	1083102	105.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	124802	38.27	ng		98
3) Pyridine	3.24	79	241609	30.90	ng		94
4) n-Nitrosodimethylamine	3.17	42	143245	45.77	ng		97
6) Aniline	6.48	93	201349	17.23	ng	#	66
8) 2-Chlorophenol	6.61	128	336082	42.35	ng		97
9) Benzaldehyde	6.37	77	35372	6.76	ng		99
10) Phenol	6.47	94	355972	36.18	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	345773	45.67	ng		95
12) 1,3-Dichlorobenzene	6.76	146	348927	40.83	ng	#	93
13) 1,4-Dichlorobenzene	6.84	146	365703	42.20	ng		95
14) 1,2-Dichlorobenzene	6.98	146	316857	39.23	ng		95
15) Benzyl Alcohol	6.96	79	258533	44.63	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	394103	39.23	ng		92
17) 2-Methylphenol	7.09	107	268873	42.32	ng		97
18) Hexachloroethane	7.33	117	131824	41.54	ng		90
19) n-Nitroso-di-n-propylamine	7.24	70	211560	40.69	ng		94
20) 3+4-Methylphenols	7.24	107	326696	42.77	ng		97
22) Acetophenone	7.24	105	453086	41.47	ng	#	95
24) Nitrobenzene	7.41	77	385451	44.90	ng		91
25) Isophorone	7.65	82	686433	42.79	ng		96
26) 2-Nitrophenol	7.73	139	178017	41.45	ng	#	89
27) 2,4-Dimethylphenol	7.76	122	301758	40.20	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	389698	42.63	ng		99
29) 2,4-Dichlorophenol	7.97	162	284502	45.08	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	300531	42.90	ng		96
31) Naphthalene	8.13	128	1220520	51.65	ng		100
32) Benzoic acid	7.90	122	177030	35.51	ng		97
33) 4-Chloroaniline	8.18	127	84342	8.74	ng		97
34) Hexachlorobutadiene	8.24	225	151553	39.80	ng		99
35) Caprolactam	8.55	113	76039	34.01	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	304417	41.30	ng		89
37) 2-Methylnaphthalene	8.81	142	652054	48.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	261778	44.46	ng		98
40) Hexachlorocyclopentadiene	8.97	237	163268	68.08	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	177731	44.70	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	180352	43.25	ng	#	80
45) 1,1'-Biphenyl	9.28	154	744535	44.44	ng		98
46) 2-Chloronaphthalene	9.30	162	550170	44.66	ng		93
47) 2-Nitroaniline	9.41	65	184452	48.96	ng		96
48) Acenaphthylene	9.72	152	894166	44.55	ng		99
49) Dimethylphthalate	9.59	163	731158	48.54	ng		100
50) 2,6-Dinitrotoluene	9.65	165	140006	43.18	ng		99
51) Acenaphthene	9.89	154	531903	43.38	ng		99
52) 3-Nitroaniline	9.82	138	87238	23.51	ng		88
53) 2,4-Dinitrophenol	9.93	184	113864	70.30	ng	#	72
54) Dibenzofuran	10.07	168	787105	49.60	ng		94
55) 4-Nitrophenol	9.99	139	183660	75.96	ng		95
56) 2,4-Dinitrotoluene	10.06	165	206685	50.15	ng	#	76
57) Fluorene	10.40	166	582162	44.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	147787	50.99	ng		97
59) Diethylphthalate	10.29	149	744702	50.04	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	303947	47.12	ng	#	85
61) 4-Nitroaniline	10.44	138	157045	44.24	ng		99
62) Azobenzene	10.56	77	750536	52.48	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	74131	34.95	ng	#	53
65) n-Nitrosodiphenylamine	10.52	169	520122	45.34	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	167809	45.29	ng	#	82
67) Hexachlorobenzene	10.95	284	174573	45.05	ng	#	65
68) Atrazine	11.05	200	182927	47.23	ng		95
69) Pentachlorophenol	11.16	266	162831	85.59	ng		98
70) Phenanthrene	11.36	178	872262	46.90	ng		99
71) Anthracene	11.42	178	896646	45.93	ng		99
72) Carbazole	11.58	167	809625	49.39	ng		98
73) Di-n-butylphthalate	11.90	149	1021733	45.42	ng		99
74) Fluoranthene	12.55	202	767817	38.84	ng		96
76) Benzidine	12.68	184	61183	8.23	ng		97
77) Pyrene	12.78	202	779061	44.91	ng		99
79) Butylbenzylphthalate	13.40	149	377082	51.91	ng	#	81
80) Benzo(a)anthracene	13.97	228	561178	46.64	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	90130	10.79	ng	#	95
82) Chrysene	14.00	228	548449	45.25	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	479258	55.10	ng	#	96
84) Di-n-octyl phthalate	14.56	149	715504	55.32	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	592553	63.31	ng		99
87) Benzo(b)fluoranthene	14.99	252	656486m	50.84	ng		
88) Benzo(k)fluoranthene	15.02	252	415092m	35.66	ng		
89) Benzo(a)pyrene	15.34	252	542693	47.34	ng	#	97
90) Dibenzo(a,h)anthracene	16.79	278	507321	47.63	ng		100
91) Benzo(g,h,i)perylene	17.19	276	481875	44.68	ng		99

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

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