Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085858.D
Acq On : 29 Mar 2016 19:36
Operator : UM/SJ
Sample : H1970-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Manual Integrations APPROVED
Sohil
3/30/2016 7:06:29 PM

Quant Time: Mar 30 01:17:51 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	6.80	152	110924	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	463503	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	207963	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	402215	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	304148	20.00	ng		-0.01
86) Perylene-d12	15.39	264	222479	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	865647	129.97	ng		0.00
7) Phenol-d6	6.45	99	1214237	143.39	ng		-0.01
23) Nitrobenzene-d5	7.37	82	754821	91.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.64	330	302593	153.14	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	1220068	98.02	ng		-0.02
78) Terphenyl-d14	12.92	244	1121741	75.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	125808	39.56	ng		99
3) Pyridine	3.13	79	322925	42.35	ng		100
4) n-Nitrosodimethylamine	3.09	42	163260	53.49	ng		99
6) Aniline	6.47	93	399988	35.09	ng	#	70
8) 2-Chlorophenol	6.60	128	380810	49.21	ng		97
9) Benzaldehyde	6.36	77	42125	8.26	ng		95
10) Phenol	6.47	94	404335	42.14	ng	#	64
11) bis(2-Chloroethyl)ether	6.55	93	363868	49.28	ng		98
12) 1,3-Dichlorobenzene	6.74	146	365715	43.89	ng	#	94
13) 1,4-Dichlorobenzene	6.82	146	390700	46.23	ng		96
14) 1,2-Dichlorobenzene	6.97	146	338872	43.03	ng		94
15) Benzyl Alcohol	6.95	79	288525	51.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	422031	43.08	ng		94
17) 2-Methylphenol	7.08	107	318545	51.42	ng		99
18) Hexachloroethane	7.32	117	133716	43.21	ng	#	88
19) n-Nitroso-di-n-propylamine	7.22	70	239931	47.32	ng		93
20) 3+4-Methylphenols	7.22	107	342251	45.95	ng		97
22) Acetophenone	7.22	105	467303	43.28	ng	#	97
24) Nitrobenzene	7.40	77	399547	47.09	ng		95
25) Isophorone	7.64	82	723883	45.65	ng		97
26) 2-Nitrophenol	7.72	139	218168	51.40	ng		94
27) 2,4-Dimethylphenol	7.75	122	319393	43.05	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	433157	47.95	ng		98
29) 2,4-Dichlorophenol	7.96	162	307739	49.34	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	312510	45.13	ng		97
31) Naphthalene	8.12	128	1070380	45.83	ng		99
32) Benzoic acid	7.75	122	319393	64.82	ng	#	15
33) 4-Chloroaniline	8.17	127	242680	25.45	ng		96
34) Hexachlorobutadiene	8.23	225	151391	40.23	ng		99
35) Caprolactam	8.55	113	102851m	46.55	ng		
36) 4-Chloro-3-methylphenol	8.66	107	352759	48.42	ng		91
37) 2-Methylnaphthalene	8.80	142	671798	50.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	266514	43.22	ng		99
40) Hexachlorocyclopentadiene	8.96	237	209028	81.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	194446	46.68	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	206720	47.33	ng	#	81
45) 1,1'-Biphenyl	9.27	154	737293	42.01	ng		99
46) 2-Chloronaphthalene	9.29	162	581997	45.10	ng	#	92
47) 2-Nitroaniline	9.40	65	189621	48.06	ng		94
48) Acenaphthylene	9.72	152	985165	46.86	ng		99
49) Dimethylphthalate	9.58	163	906348	57.44	ng		100
50) 2,6-Dinitrotoluene	9.65	165	172214	50.71	ng	#	57
51) Acenaphthene	9.89	154	582562	45.36	ng		99
52) 3-Nitroaniline	9.81	138	139035	35.77	ng		96
53) 2,4-Dinitrophenol	9.92	184	60543	38.66	ng	#	79
54) Dibenzofuran	10.06	168	861044	51.80	ng		96
55) 4-Nitrophenol	9.98	139	239562	94.59	ng		88
56) 2,4-Dinitrotoluene	10.05	165	204853	47.46	ng	#	63
57) Fluorene	10.40	166	661644	47.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	158492	52.21	ng		99
59) Diethylphthalate	10.28	149	707561	45.39	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	323145	47.83	ng		90
61) 4-Nitroaniline	10.42	138	175580	47.22	ng		91
62) Azobenzene	10.55	77	788939	52.67	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	110062	46.73	ng	#	72
65) n-Nitrosodiphenylamine	10.52	169	612834	48.11	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	194209	47.20	ng	#	87
67) Hexachlorobenzene	10.95	284	210400	48.89	ng	#	91
68) Atrazine	11.04	200	197660	45.96	ng		99
69) Pentachlorophenol	11.14	266	209056	98.95	ng		99
70) Phenanthrene	11.36	178	1001583	48.50	ng		99
71) Anthracene	11.41	178	937128	43.22	ng		99
72) Carbazole	11.57	167	968646	53.21	ng		99
73) Di-n-butylphthalate	11.90	149	1157200	46.33	ng		99
74) Fluoranthene	12.54	202	903739	41.17	ng		97
76) Benzidine	12.67	184	354370	33.08	ng		98
77) Pyrene	12.77	202	918556	36.74	ng		99
79) Butylbenzylphthalate	13.39	149	416429	39.77	ng	#	75
80) Benzo(a)anthracene	13.96	228	739049	42.61	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	151837	12.62	ng	#	96
82) Chrysene	13.99	228	626262	35.85	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	516007	41.16	ng	#	98
84) Di-n-octyl phthalate	14.55	149	870775	46.71	ng		98
85) Indeno(1,2,3-cd)pyrene	16.77	276	603737	44.76	ng		99
87) Benzo(b)fluoranthene	14.99	252	694802m	49.57	ng		
88) Benzo(k)fluoranthene	15.01	252	490892m	38.85	ng		
89) Benzo(a)pyrene	15.33	252	570389	45.83	ng	#	97
90) Dibenzo(a,h)anthracene	16.78	278	509509	44.07	ng		97
91) Benzo(g,h,i)perylene	17.18	276	506823	43.29	ng		98

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

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