Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085625.D
Acq On : 21 Mar 2016 16:41
Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:33 PM

Quant Time: Mar 22 01:36:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141609	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	558682	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	266648	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	505835	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	372419	20.00	ng		-0.01
86) Perylene-d12	15.42	264	253801	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1040721	123.44	ng		0.00
7) Phenol-d6	6.48	99	1429088	132.16	ng		-0.01
23) Nitrobenzene-d5	7.42	82	919816	95.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	324463	124.22	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1518137	102.31	ng		-0.01
78) Terphenyl-d14	12.95	244	1250124	80.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	152137	37.12	ng		97
3) Pyridine	3.22	79	361959	35.97	ng		100
4) n-Nitrosodimethylamine	3.17	42	195134	46.45	ng		97
6) Aniline	6.52	93	431828	29.73	ng		94
8) 2-Chlorophenol	6.63	128	426112	43.69	ng		96
9) Benzaldehyde	6.39	77	93452	15.19	ng		93
10) Phenol	6.50	94	501473	40.72	ng		87
11) bis(2-Chloroethyl)ether	6.58	93	404183	43.53	ng		99
12) 1,3-Dichlorobenzene	6.78	146	441962m	41.58	ng		
13) 1,4-Dichlorobenzene	6.86	146	438315	40.43	ng		99
14) 1,2-Dichlorobenzene	7.02	146	423890	44.04	ng		98
15) Benzyl Alcohol	7.00	79	359022	48.47	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	537343	44.01	ng		96
17) 2-Methylphenol	7.11	107	383220	47.40	ng		98
18) Hexachloroethane	7.35	117	170517	43.56	ng	#	79
19) n-Nitroso-di-n-propylamine	7.27	70	308979	47.84	ng		98
20) 3+4-Methylphenols	7.26	107	384042	41.01	ng		93
22) Acetophenone	7.26	105	545983	41.18	ng	#	99
24) Nitrobenzene	7.43	77	446336	42.36	ng		97
25) Isophorone	7.67	82	855301	44.39	ng		97
26) 2-Nitrophenol	7.75	139	263567	50.62	ng		96
27) 2,4-Dimethylphenol	7.78	122	371651	40.36	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	539622	49.23	ng		100
29) 2,4-Dichlorophenol	7.99	162	358581	47.16	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	367552	43.15	ng		98
31) Naphthalene	8.15	128	1172411	41.58	ng		100
32) Benzoic acid	7.89	122	81382	10.57	ng		97
33) 4-Chloroaniline	8.20	127	243854	21.10	ng	#	93
34) Hexachlorobutadiene	8.26	225	195960	43.17	ng		98
35) Caprolactam	8.58	113	119769m	45.78	ng		
36) 4-Chloro-3-methylphenol	8.69	107	395104	44.49	ng		99
37) 2-Methylnaphthalene	8.85	142	872548	50.76	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	315066	38.95	ng		99
40) Hexachlorocyclopentadiene	9.00	237	324919	89.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	246609	44.54	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	248349	44.07	ng	#	88
45) 1,1'-Biphenyl	9.30	154	889568	38.67	ng		99
46) 2-Chloronaphthalene	9.33	162	731959	43.56	ng	#	91
47) 2-Nitroaniline	9.43	65	245307	48.26	ng		98
48) Acenaphthylene	9.75	152	1193283	43.88	ng		100
49) Dimethylphthalate	9.61	163	1069973	53.18	ng		99
50) 2,6-Dinitrotoluene	9.67	165	193617	45.58	ng		95
51) Acenaphthene	9.92	154	765559	44.86	ng		99
52) 3-Nitroaniline	9.84	138	164035	30.83	ng		98
53) 2,4-Dinitrophenol	9.96	184	192171	73.85	ng	#	66
54) Dibenzofuran	10.09	168	1030681	49.60	ng		100
55) 4-Nitrophenol	10.01	139	310782	75.58	ng		97
56) 2,4-Dinitrotoluene	10.08	165	272151	48.93	ng	#	74
57) Fluorene	10.44	166	801455	46.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	190208	46.88	ng		98
59) Diethylphthalate	10.31	149	817726	40.88	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	356530	42.16	ng		95
61) 4-Nitroaniline	10.46	138	206389	39.35	ng		92
62) Azobenzene	10.58	77	896191	46.68	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	151919	46.93	ng	#	57
65) n-Nitrosodiphenylamine	10.55	169	749339	47.56	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	246114	48.70	ng		96
67) Hexachlorobenzene	10.98	284	265647	49.48	ng		96
68) Atrazine	11.08	200	229576	47.86	ng		99
69) Pentachlorophenol	11.18	266	272124	83.49	ng		98
70) Phenanthrene	11.40	178	1241196	46.54	ng		100
71) Anthracene	11.44	178	1104800	39.51	ng		100
72) Carbazole	11.60	167	1132231	46.93	ng		100
73) Di-n-butylphthalate	11.93	149	1396753	46.23	ng		99
74) Fluoranthene	12.57	202	1141386	40.87	ng		98
76) Benzidine	12.70	184	186073	14.86	ng		98
77) Pyrene	12.80	202	1171618	43.81	ng		99
79) Butylbenzylphthalate	13.42	149	522337	40.98	ng	#	71
80) Benzo(a)anthracene	13.99	228	902770	41.76	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	189627	23.93	ng	#	96
82) Chrysene	14.03	228	784344	37.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	608559	38.43	ng	#	98
84) Di-n-octyl phthalate	14.60	149	1035775	40.14	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	716015	41.20	ng		99
87) Benzo(b)fluoranthene	15.02	252	758363m	45.79	ng		
88) Benzo(k)fluoranthene	15.04	252	658502m	48.26	ng		
89) Benzo(a)pyrene	15.36	252	661774	47.14	ng		97
90) Dibenzo(a,h)anthracene	16.84	278	597242	51.00	ng		98
91) Benzo(g,h,i)perylene	17.24	276	603971	53.29	ng		98

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

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