Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085634.D
Acq On : 21 Mar 2016 20:55
Operator : UM/SJ
Sample : H1841-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:47 PM

Quant Time: Mar 22 02:13:04 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	121714	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	466544	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	211667	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	353578	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	252104	20.00	ng		-0.01
86) Perylene-d12	15.42	264	233348	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	930616	128.43	ng		0.00
7) Phenol-d6	6.49	99	1311904	141.16	ng		0.00
23) Nitrobenzene-d5	7.42	82	836476	104.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	273979	132.14	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1270093	110.62	ng		-0.01
78) Terphenyl-d14	12.95	244	910493	86.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	138199	39.23	ng		97
3) Pyridine	3.22	79	416990	48.21	ng		98
4) n-Nitrosodimethylamine	3.18	42	178528	49.44	ng		96
6) Aniline	6.50	93	425952	34.12	ng	#	26
8) 2-Chlorophenol	6.63	128	400914	47.83	ng		94
9) Benzaldehyde	6.39	77	75404	14.08	ng		95
10) Phenol	6.50	94	504012	47.61	ng		87
11) bis(2-Chloroethyl)ether	6.58	93	376287	47.15	ng		98
12) 1,3-Dichlorobenzene	6.79	146	418029	45.76	ng		99
13) 1,4-Dichlorobenzene	6.86	146	413294	44.36	ng		99
14) 1,2-Dichlorobenzene	7.02	146	415027	50.17	ng		99
15) Benzyl Alcohol	7.00	79	333224	52.35	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	483058	46.03	ng		94
17) 2-Methylphenol	7.11	107	354268	50.98	ng		98
18) Hexachloroethane	7.35	117	149227	44.35	ng	#	80
19) n-Nitroso-di-n-propylamine	7.27	70	289460	52.14	ng		98
20) 3+4-Methylphenols	7.26	107	367647	45.68	ng		97
22) Acetophenone	7.26	105	515773	46.59	ng		98
24) Nitrobenzene	7.43	77	390815	44.42	ng		99
25) Isophorone	7.67	82	791337	49.18	ng		99
26) 2-Nitrophenol	7.75	139	234160	53.85	ng		98
27) 2,4-Dimethylphenol	7.78	122	380411	49.47	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	505822	55.26	ng		100
29) 2,4-Dichlorophenol	7.99	162	313195	49.32	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	336465	47.31	ng		99
31) Naphthalene	8.15	128	1079817	45.85	ng		100
32) Benzoic acid	7.91	122	163640	25.45	ng		98
33) 4-Chloroaniline	8.21	127	262819	27.23	ng		98
34) Hexachlorobutadiene	8.28	225	182834	48.23	ng		99
35) Caprolactam	8.57	113	112419m	51.46	ng		
36) 4-Chloro-3-methylphenol	8.69	107	356581	48.08	ng		96
37) 2-Methylnaphthalene	8.85	142	774963	53.99	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	285561	44.48	ng		99
40) Hexachlorocyclopentadiene	9.00	237	154221	53.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	210973	48.00	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	221789	49.58	ng	#	87
45) 1,1'-Biphenyl	9.30	154	782853	42.87	ng		98
46) 2-Chloronaphthalene	9.33	162	628972	47.16	ng	#	89
47) 2-Nitroaniline	9.43	65	213805	52.99	ng		99
48) Acenaphthylene	9.75	152	1074110	49.76	ng		100
49) Dimethylphthalate	9.61	163	947858	59.34	ng		99
50) 2,6-Dinitrotoluene	9.67	165	163602	48.52	ng		99
51) Acenaphthene	9.92	154	670373	49.49	ng		99
52) 3-Nitroaniline	9.84	138	147754	34.99	ng		95
53) 2,4-Dinitrophenol	9.94	184	79994	38.72	ng		97
54) Dibenzofuran	10.09	168	911093	55.23	ng		99
55) 4-Nitrophenol	10.01	139	280251	85.86	ng		96
56) 2,4-Dinitrotoluene	10.08	165	243284	55.11	ng		90
57) Fluorene	10.44	166	674869	49.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	159280	49.46	ng		97
59) Diethylphthalate	10.31	149	792617	49.91	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	321337	47.87	ng		94
61) 4-Nitroaniline	10.46	138	183396	44.05	ng		95
62) Azobenzene	10.58	77	793149	52.05	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	67889	30.01	ng		100
65) n-Nitrosodiphenylamine	10.55	169	601471	54.61	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	201458	57.04	ng		92
67) Hexachlorobenzene	10.98	284	201725	53.76	ng	#	93
68) Atrazine	11.08	200	206335	61.53	ng		99
69) Pentachlorophenol	11.18	266	202389	88.83	ng		100
70) Phenanthrene	11.40	178	942564	50.56	ng		99
71) Anthracene	11.44	178	866236	44.31	ng		99
72) Carbazole	11.60	167	852074	50.52	ng		99
73) Di-n-butylphthalate	11.93	149	1120145	53.04	ng		99
74) Fluoranthene	12.57	202	767325	39.31	ng		97
76) Benzidine	12.70	184	367958	43.40	ng		99
77) Pyrene	12.80	202	770080	42.54	ng		100
79) Butylbenzylphthalate	13.42	149	360144	41.74	ng	#	72
80) Benzo(a)anthracene	13.99	228	673541	46.02	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	194598	36.28	ng	#	97
82) Chrysene	14.03	228	536286	38.09	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	480296	44.80	ng	#	98
84) Di-n-octyl phthalate	14.60	149	852253	48.79	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	654274	55.61	ng		99
87) Benzo(b)fluoranthene	15.02	252	668601m	43.91	ng		
88) Benzo(k)fluoranthene	15.04	252	579308m	46.18	ng		
89) Benzo(a)pyrene	15.36	252	619282	47.98	ng		97
90) Dibenzo(a,h)anthracene	16.84	278	556659	51.70	ng		99
91) Benzo(g,h,i)perylene	17.24	276	519225	49.83	ng		99

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

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