Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089958.D
Acq On : 31 Aug 2016 18:53
Operator : UM/SJ
Sample : H4645-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMSD

Manual Integrations APPROVED
SOHIL
9/1/2016 11:54:25 AM

Quant Time: Aug 31 19:38:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	176990	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	656975	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	333256	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	563928	20.00	ng		0.00
75) Chrysene-d12	13.76	240	358974	20.00	ng		0.00
86) Perylene-d12	15.10	264	412813	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1309937	118.47	ng		0.01
7) Phenol-d6	6.28	99	1673816	124.58	ng		0.01
23) Nitrobenzene-d5	7.21	82	1104458	97.50	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	410818	124.95	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1961341	96.61	ng		0.00
78) Terphenyl-d14	12.72	244	1385279	95.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	191373	36.53	ng		98
3) Pyridine	2.79	79	315923	22.60	ng		96
4) n-Nitrosodimethylamine	2.73	42	326455	47.36	ng		100
6) Aniline	6.30	93	600977	32.78	ng	#	64
8) 2-Chlorophenol	6.42	128	542543	45.23	ng		95
9) Benzaldehyde	6.17	77	111715	12.89	ng		91
10) Phenol	6.30	94	593703	38.00	ng		94
11) bis(2-Chloroethyl)ether	6.39	93	566364	47.90	ng	#	84
12) 1,3-Dichlorobenzene	6.58	146	599784	44.77	ng		99
13) 1,4-Dichlorobenzene	6.65	146	590117	43.05	ng		100
14) 1,2-Dichlorobenzene	6.81	146	590680	48.06	ng		98
15) Benzyl Alcohol	6.79	79	400488	47.58	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1065243	47.25	ng		97
17) 2-Methylphenol	6.91	107	492190	51.37	ng		97
18) Hexachloroethane	7.15	117	212896	45.34	ng		95
19) n-Nitroso-di-n-propylamine	7.07	70	415330	47.44	ng		98
20) 3+4-Methylphenols	7.06	107	505089	43.49	ng		98
22) Acetophenone	7.05	105	679900	46.13	ng	#	93
24) Nitrobenzene	7.22	77	518162	43.02	ng		96
25) Isophorone	7.47	82	1106187	48.02	ng		99
26) 2-Nitrophenol	7.54	139	288715	50.15	ng		98
27) 2,4-Dimethylphenol	7.59	122	527691	49.55	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	736335	53.00	ng		99
29) 2,4-Dichlorophenol	7.78	162	460495	48.24	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	528794	50.66	ng		99
31) Naphthalene	7.94	128	1478490	45.17	ng		100
32) Benzoic acid	7.70	122	144939	20.20	ng		96
33) 4-Chloroaniline	8.00	127	445678	33.75	ng		96
34) Hexachlorobutadiene	8.07	225	286525	46.84	ng		98
35) Caprolactam	8.36	113	147593	48.98	ng		94
36) 4-Chloro-3-methylphenol	8.49	107	508130	50.26	ng		88
37) 2-Methylnaphthalene	8.64	142	1113779	51.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	380879	39.01	ng		99
40) Hexachlorocyclopentadiene	8.79	237	372739	74.46	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	338191	49.99	ng		98
43) 2,4,5-Trichlorophenol	8.96	196	336084	51.66	ng	#	91
45) 1,1'-Biphenyl	9.10	154	1048381	39.07	ng		100
46) 2-Chloronaphthalene	9.12	162	915512	48.23	ng		99
47) 2-Nitroaniline	9.22	65	325037	52.38	ng	#	55
48) Acenaphthylene	9.53	152	1421564	45.29	ng		100
49) Dimethylphthalate	9.42	163	1584875	65.80	ng	#	97
50) 2,6-Dinitrotoluene	9.46	165	244559	45.65	ng		94
51) Acenaphthene	9.70	154	956979	48.13	ng		99
52) 3-Nitroaniline	9.62	138	190742	31.22	ng		98
53) 2,4-Dinitrophenol	9.74	184	158143	52.61	ng	#	52
54) Dibenzofuran	9.87	168	1278428	47.98	ng		99
55) 4-Nitrophenol	9.79	139	349732	75.89	ng	#	62
56) 2,4-Dinitrotoluene	9.86	165	320109	47.12	ng		88
57) Fluorene	10.22	166	993428	51.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	262454	47.12	ng		98
59) Diethylphthalate	10.10	149	1056867	46.64	ng		100
60) 4-Chlorophenyl-phenylether	10.22	204	458728	50.06	ng		98
61) 4-Nitroaniline	10.24	138	267935	44.63	ng		98
62) Azobenzene	10.36	77	1108354	48.97	ng		100
64) 4,6-Dinitro-2-methylphenol	10.26	198	125398	34.73	ng		99
65) n-Nitrosodiphenylamine	10.33	169	851118	50.20	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	299058	52.68	ng		99
67) Hexachlorobenzene	10.75	284	294347	45.39	ng		99
68) Atrazine	10.87	200	282049	49.83	ng		89
69) Pentachlorophenol	10.95	266	295889	84.81	ng		99
70) Phenanthrene	11.16	178	1398992	49.82	ng		99
71) Anthracene	11.21	178	1273331	44.70	ng		100
72) Carbazole	11.37	167	1222897	45.79	ng		99
73) Di-n-butylphthalate	11.71	149	1549462	49.78	ng		100
74) Fluoranthene	12.34	202	1358897	46.17	ng		99
76) Benzidine	12.47	184	544503	40.04	ng		96
77) Pyrene	12.56	202	1241413	49.05	ng		99
79) Butylbenzylphthalate	13.20	149	561356	55.00	ng		96
80) Benzo(a)anthracene	13.75	228	1142773	51.98	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	375305	47.29	ng		98
82) Chrysene	13.78	228	1074357	52.31	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	738217	52.29	ng		99
84) Di-n-octyl phthalate	14.38	149	1317493	57.82	ng		100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1181638	77.82	ng		99
87) Benzo(b)fluoranthene	14.74	252	1293385m	50.01	ng		
88) Benzo(k)fluoranthene	14.77	252	878419m	40.03	ng		
89) Benzo(a)pyrene	15.05	252	1123584	50.71	ng	#	99
90) Dibenzo(a,h)anthracene	16.35	278	991390	61.07	ng		97
91) Benzo(g,h,i)perylene	16.70	276	975606	59.70	ng	#	94

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

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