Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089283.D
Acq On : 25 Jul 2016 17:10
Operator : UM/SJ
Sample : H4129-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-02-4.5-6.0MSD

Quant Time: Jul 26 01:51:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	55318	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	223498	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	97726	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	150721	20.00	ng		0.00
75) Chrysene-d12	13.69	240	103667	20.00	ng		0.00
86) Perylene-d12	15.03	264	93023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	434630	119.49	ng		0.01
7) Phenol-d6	6.24	99	593694	126.57	ng		0.01
23) Nitrobenzene-d5	7.14	82	350482	83.32	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	94084	106.93	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	605169	85.32	ng		0.00
78) Terphenyl-d14	12.65	244	403157	84.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	58096	36.79	ng	#	89
3) Pyridine	2.66	79	148217	36.94	ng		98
4) n-Nitrosodimethylamine	2.64	42	67330	39.87	ng		100
6) Aniline	6.23	93	156107	24.63	ng		94
8) 2-Chlorophenol	6.35	128	180121	44.63	ng		88
9) Benzaldehyde	6.10	77	37132	12.63	ng		91
10) Phenol	6.25	94	243632	45.08	ng		97
11) bis(2-Chloroethyl)ether	6.32	93	190322	46.90	ng		99
12) 1,3-Dichlorobenzene	6.50	146	176185	39.53	ng		96
13) 1,4-Dichlorobenzene	6.58	146	192941	42.98	ng		96
14) 1,2-Dichlorobenzene	6.73	146	166018	39.23	ng		94
15) Benzyl Alcohol	6.73	79	150385	43.78	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.86	45	188233	40.71	ng		90
17) 2-Methylphenol	6.86	107	134450	42.29	ng		99
18) Hexachloroethane	7.07	117	63053	37.37	ng	#	88
19) n-Nitroso-di-n-propylamine	7.00	70	135606	44.20	ng		99
20) 3+4-Methylphenols	7.00	107	181909	42.15	ng	#	84
22) Acetophenone	6.99	105	261136	43.75	ng	#	98
24) Nitrobenzene	7.16	77	173554	39.12	ng		97
25) Isophorone	7.40	82	345375	44.55	ng		99
26) 2-Nitrophenol	7.47	139	78344	37.86	ng		93
27) 2,4-Dimethylphenol	7.53	122	145704	41.79	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	224530	46.30	ng		99
29) 2,4-Dichlorophenol	7.72	162	141561	45.06	ng		98
30) 1,2,4-Trichlorobenzene	7.79	180	140233	40.32	ng	#	95
31) Naphthalene	7.87	128	517398	42.89	ng		100
32) Benzoic acid	7.64	122	14047	5.24	ng	#	83
33) 4-Chloroaniline	7.94	127	84819	16.72	ng		97
34) Hexachlorobutadiene	8.00	225	79778	41.22	ng		97
35) Caprolactam	8.31	113	41023	42.05	ng		95
36) 4-Chloro-3-methylphenol	8.43	107	148218	39.16	ng		98
37) 2-Methylnaphthalene	8.56	142	297660	38.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	129430	35.63	ng		99
40) Hexachlorocyclopentadiene	8.72	237	17443	21.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	81467	40.07	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	92491	45.32	ng		96
45) 1,1'-Biphenyl	9.03	154	357480	40.62	ng		99
46) 2-Chloronaphthalene	9.05	162	290764	43.48	ng		98
47) 2-Nitroaniline	9.15	65	93920	40.94	ng		98
48) Acenaphthylene	9.46	152	430086	40.90	ng		99
49) Dimethylphthalate	9.35	163	592818	79.05	ng		99
50) 2,6-Dinitrotoluene	9.40	165	72660	42.92	ng		94
51) Acenaphthene	9.63	154	263584	42.38	ng		99
52) 3-Nitroaniline	9.56	138	61517	30.60	ng	#	70
53) 2,4-Dinitrophenol	9.69	184	3941	12.61	ng	#	48
54) Dibenzofuran	9.80	168	375885	44.73	ng		96
55) 4-Nitrophenol	9.76	139	69795	57.37	ng		93
56) 2,4-Dinitrotoluene	9.80	165	86135	39.50	ng		95
57) Fluorene	10.15	166	283448	39.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	63287	43.18	ng		96
59) Diethylphthalate	10.03	149	313463	42.16	ng		100
60) 4-Chlorophenyl-phenylether	10.14	204	124319	38.17	ng	#	69
61) 4-Nitroaniline	10.18	138	70490	36.03	ng		97
62) Azobenzene	10.30	77	349737	43.28	ng		97
64) 4,6-Dinitro-2-methylphenol	10.22	198	9656	11.00	ng		80
65) n-Nitrosodiphenylamine	10.26	169	251551	49.94	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	74899	50.22	ng	#	86
67) Hexachlorobenzene	10.68	284	65505	40.83	ng	#	65
68) Atrazine	10.80	200	77619	49.27	ng		95
69) Pentachlorophenol	10.89	266	58842	79.51	ng		99
70) Phenanthrene	11.10	178	407914	49.34	ng		99
71) Anthracene	11.14	178	388787	45.24	ng		99
72) Carbazole	11.30	167	331279	43.89	ng		99
73) Di-n-butylphthalate	11.64	149	439448	47.07	ng		100
74) Fluoranthene	12.27	202	399317	45.95	ng		94
76) Benzidine	12.41	184	161220	45.24	ng		97
77) Pyrene	12.49	202	345037	40.30	ng		99
79) Butylbenzylphthalate	13.13	149	168898	46.64	ng	#	80
80) Benzo(a)anthracene	13.68	228	287686	43.57	ng		100
81) 3,3'-Dichlorobenzidine	13.65	252	89057	40.66	ng	#	97
82) Chrysene	13.71	228	300399	47.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	230885	48.06	ng	#	97
84) Di-n-octyl phthalate	14.30	149	393557	49.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.24	276	218933	47.80	ng		99
87) Benzo(b)fluoranthene	14.67	252	269209m	39.96	ng		
88) Benzo(k)fluoranthene	14.70	252	243816m	50.61	ng		
89) Benzo(a)pyrene	14.97	252	245679	46.97	ng		99
90) Dibenzo(a,h)anthracene	16.25	278	179703	43.51	ng		98
91) Benzo(g,h,i)perylene	16.59	276	173469	41.66	ng		97

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

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