Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089282.D
Acq On : 25 Jul 2016 16:41
Operator : UM/SJ
Sample : H4129-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 26 01:50:03 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	59287	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	239110	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	105495	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	170439	20.00	ng		0.00
75) Chrysene-d12	13.69	240	109409	20.00	ng		0.00
86) Perylene-d12	15.03	264	90836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	461155	118.30	ng		0.01
7) Phenol-d6	6.24	99	637969	126.91	ng		0.01
23) Nitrobenzene-d5	7.14	82	372523	82.78	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	105966	111.57	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	670959	87.63	ng		0.00
78) Terphenyl-d14	12.65	244	454115	90.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	61546	36.36	ng	#	90
3) Pyridine	2.67	79	147977	34.42	ng		98
4) n-Nitrosodimethylamine	2.65	42	72064	39.81	ng		99
6) Aniline	6.23	93	165426	24.36	ng	#	87
8) 2-Chlorophenol	6.35	128	187009	43.23	ng		88
9) Benzaldehyde	6.10	77	35218	11.04	ng		90
10) Phenol	6.25	94	260631	45.00	ng		99
11) bis(2-Chloroethyl)ether	6.32	93	202842	46.64	ng		98
12) 1,3-Dichlorobenzene	6.50	146	184987	38.73	ng		95
13) 1,4-Dichlorobenzene	6.58	146	205931	42.81	ng		96
14) 1,2-Dichlorobenzene	6.73	146	176653	38.95	ng		95
15) Benzyl Alcohol	6.73	79	159592	43.35	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	198084	39.97	ng		94
17) 2-Methylphenol	6.86	107	144413	42.38	ng		99
18) Hexachloroethane	7.07	117	67533	37.35	ng	#	87
19) n-Nitroso-di-n-propylamine	7.00	70	144515	43.95	ng		98
20) 3+4-Methylphenols	7.00	107	191150	41.32	ng	#	84
22) Acetophenone	6.99	105	274299	42.96	ng		99
24) Nitrobenzene	7.16	77	184580	38.89	ng		98
25) Isophorone	7.40	82	365883	44.11	ng		99
26) 2-Nitrophenol	7.47	139	81891	36.99	ng		96
27) 2,4-Dimethylphenol	7.53	122	153800	41.24	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	235861	45.47	ng		99
29) 2,4-Dichlorophenol	7.72	162	150486	44.77	ng		98
30) 1,2,4-Trichlorobenzene	7.79	180	149959	40.30	ng	#	95
31) Naphthalene	7.87	128	542928	42.07	ng		100
32) Benzoic acid	7.63	122	9185	3.20	ng	#	82
33) 4-Chloroaniline	7.94	127	90322	16.64	ng	#	94
34) Hexachlorobutadiene	8.00	225	83253	40.20	ng		97
35) Caprolactam	8.32	113	43861	42.02	ng		99
36) 4-Chloro-3-methylphenol	8.43	107	165088	40.77	ng		98
37) 2-Methylnaphthalene	8.57	142	322997	39.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	137922	35.18	ng		99
40) Hexachlorocyclopentadiene	8.72	237	24599	25.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	88736	40.43	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	103277	46.88	ng		96
45) 1,1'-Biphenyl	9.03	154	383625	40.38	ng		99
46) 2-Chloronaphthalene	9.05	162	306429	42.45	ng		99
47) 2-Nitroaniline	9.15	65	95945	38.74	ng		97
48) Acenaphthylene	9.46	152	473011	41.67	ng		100
49) Dimethylphthalate	9.35	163	665126	82.16	ng		99
50) 2,6-Dinitrotoluene	9.40	165	80669	44.14	ng	#	88
51) Acenaphthene	9.63	154	300590	44.77	ng		99
52) 3-Nitroaniline	9.56	138	67072	30.90	ng	#	67
53) 2,4-Dinitrophenol	9.69	184	4083	12.45	ng	#	54
54) Dibenzofuran	9.80	168	413467	45.57	ng		96
55) 4-Nitrophenol	9.76	139	82734	63.00	ng		95
56) 2,4-Dinitrotoluene	9.80	165	92718	39.38	ng		100
57) Fluorene	10.15	166	312968	40.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	73333	46.35	ng		91
59) Diethylphthalate	10.03	149	344346	42.90	ng		100
60) 4-Chlorophenyl-phenylether	10.14	204	136565	38.84	ng	#	71
61) 4-Nitroaniline	10.18	138	79610	37.70	ng		97
62) Azobenzene	10.30	77	378520	43.39	ng		96
64) 4,6-Dinitro-2-methylphenol	10.22	198	11068	11.15	ng		74
65) n-Nitrosodiphenylamine	10.26	169	274377	48.17	ng		100
66) 4-Bromophenyl-phenylether	10.63	248	82279	48.78	ng	#	88
67) Hexachlorobenzene	10.68	284	71484	39.40	ng	#	61
68) Atrazine	10.80	200	87153	48.93	ng		96
69) Pentachlorophenol	10.89	266	68100	81.37	ng		99
70) Phenanthrene	11.10	178	420413	44.97	ng		99
71) Anthracene	11.14	178	413664	42.57	ng		99
72) Carbazole	11.30	167	362162	42.43	ng		98
73) Di-n-butylphthalate	11.64	149	485175	45.95	ng		100
74) Fluoranthene	12.27	202	412432	41.97	ng		94
76) Benzidine	12.41	184	155712	41.40	ng		98
77) Pyrene	12.49	202	353094	39.08	ng		99
79) Butylbenzylphthalate	13.13	149	192752	50.43	ng		84
80) Benzo(a)anthracene	13.68	228	286990	41.19	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	90055	38.96	ng	#	97
82) Chrysene	13.71	228	301763	45.34	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	246511	48.62	ng		97
84) Di-n-octyl phthalate	14.30	149	413745	49.46	ng		99
85) Indeno(1,2,3-cd)pyrene	16.24	276	219525	45.41	ng		100
87) Benzo(b)fluoranthene	14.67	252	268859m	40.87	ng		
88) Benzo(k)fluoranthene	14.70	252	234115m	49.76	ng		
89) Benzo(a)pyrene	14.97	252	231788	45.38	ng		99
90) Dibenzo(a,h)anthracene	16.25	278	183313	45.46	ng		97
91) Benzo(g,h,i)perylene	16.59	276	174938	43.02	ng		98

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

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