Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089256.D
Acq On : 24 Jul 2016 3:03
Operator : UM/SJ
Sample : H4129-02MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

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

Manual Integrations
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7/25/2016 6:43:14 PM

Quant Time: Jul 25 11:46:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	50202	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	207230	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	92393	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	156504	20.00	ng		-0.02
75) Chrysene-d12	13.70	240	89166	20.00	ng		-0.02
86) Perylene-d12	15.05	264	95004	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	462361	140.07	ng		-0.01
7) Phenol-d6	6.25	99	591012	138.84	ng		-0.02
23) Nitrobenzene-d5	7.15	82	352895	90.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	97759	117.52	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	590671	88.08	ng		-0.02
78) Terphenyl-d14	12.66	244	376964	91.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	56869	39.68	ng		94
3) Pyridine	2.68	79	144313	39.64	ng		97
4) n-Nitrosodimethylamine	2.66	42	65556	42.77	ng		98
6) Aniline	6.25	93	146235	25.43	ng	#	62
8) 2-Chlorophenol	6.36	128	171840	46.91	ng		82
9) Benzaldehyde	6.12	77	33487	12.54	ng		99
10) Phenol	6.26	94	240557	49.05	ng		97
11) bis(2-Chloroethyl)ether	6.33	93	179049	48.61	ng		95
12) 1,3-Dichlorobenzene	6.51	146	166024	41.05	ng		97
13) 1,4-Dichlorobenzene	6.59	146	179484	44.06	ng		98
14) 1,2-Dichlorobenzene	6.75	146	180101	46.89	ng		99
15) Benzyl Alcohol	6.74	79	152533	48.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	198167	47.22	ng	#	57
17) 2-Methylphenol	6.87	107	138475	48.00	ng		98
18) Hexachloroethane	7.08	117	65051	42.48	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	130422	46.84	ng		94
20) 3+4-Methylphenols	7.03	107	183436	46.83	ng		95
22) Acetophenone	7.00	105	257866	46.60	ng		99
24) Nitrobenzene	7.18	77	195199	47.45	ng		94
25) Isophorone	7.42	82	345114	48.01	ng		99
26) 2-Nitrophenol	7.50	139	81442	42.45	ng	#	77
27) 2,4-Dimethylphenol	7.54	122	142106	43.96	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	210613	46.84	ng		99
29) 2,4-Dichlorophenol	7.74	162	136578	46.89	ng		95
30) 1,2,4-Trichlorobenzene	7.82	180	149698	46.42	ng		98
31) Naphthalene	7.88	128	469097m	41.94	ng		
32) Benzoic acid	7.66	122	9647	3.88	ng	#	79
33) 4-Chloroaniline	7.95	127	85127	18.10	ng		95
34) Hexachlorobutadiene	8.01	225	77606	43.24	ng		98
35) Caprolactam	8.33	113	42513	46.99	ng		98
36) 4-Chloro-3-methylphenol	8.46	107	163651	46.63	ng		93
37) 2-Methylnaphthalene	8.58	142	325768	45.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	131744	38.36	ng		99
40) Hexachlorocyclopentadiene	8.73	237	34316	35.15	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	86128	44.81	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	102783	53.27	ng	#	88
45) 1,1'-Biphenyl	9.05	154	374925	45.06	ng		96
46) 2-Chloronaphthalene	9.06	162	284162	44.94	ng		99
47) 2-Nitroaniline	9.18	65	100668	46.41	ng	#	81
48) Acenaphthylene	9.47	152	435054	43.77	ng		100
49) Dimethylphthalate	9.36	163	569586	80.34	ng		98
50) 2,6-Dinitrotoluene	9.42	165	70988	44.35	ng	#	58
51) Acenaphthene	9.64	154	252769	42.99	ng		100
52) 3-Nitroaniline	9.59	138	55879	29.40	ng		90
53) 2,4-Dinitrophenol	9.70	184	4054	12.97	ng	#	17
54) Dibenzofuran	9.82	168	366011	46.06	ng		95
55) 4-Nitrophenol	9.77	139	83294m	72.42	ng		
56) 2,4-Dinitrotoluene	9.82	165	98529	47.79	ng	#	73
57) Fluorene	10.16	166	291003	43.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	63631	45.92	ng	#	97
59) Diethylphthalate	10.06	149	361077	51.36	ng		97
60) 4-Chlorophenyl-phenylether	10.16	204	143637	46.65	ng	#	84
61) 4-Nitroaniline	10.20	138	70842	38.30	ng		92
62) Azobenzene	10.32	77	376194	49.24	ng		89
64) 4,6-Dinitro-2-methylphenol	10.23	198	12856	14.11	ng	#	52
65) n-Nitrosodiphenylamine	10.28	169	270810	51.78	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	76605	49.46	ng	#	86
67) Hexachlorobenzene	10.71	284	75169	45.13	ng	#	87
68) Atrazine	10.81	200	73800	45.12	ng		98
69) Pentachlorophenol	10.90	266	63798	83.02	ng		98
70) Phenanthrene	11.11	178	381335	44.42	ng		99
71) Anthracene	11.16	178	420595	47.13	ng		99
72) Carbazole	11.32	167	363365	46.36	ng		99
73) Di-n-butylphthalate	11.67	149	495274	51.09	ng		98
74) Fluoranthene	12.28	202	344822	38.21	ng		100
76) Benzidine	12.42	184	144610	47.17	ng		98
77) Pyrene	12.51	202	337480	45.83	ng		99
79) Butylbenzylphthalate	13.14	149	150563	48.33	ng		93
80) Benzo(a)anthracene	13.69	228	257612	45.36	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	81895	43.47	ng		99
82) Chrysene	13.74	228	271878	50.12	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	214292	51.86	ng	#	96
84) Di-n-octyl phthalate	14.32	149	353793	51.89	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	246901	62.67	ng		99
87) Benzo(b)fluoranthene	14.70	252	292618m	42.53	ng		
88) Benzo(k)fluoranthene	14.72	252	240253m	48.83	ng		
89) Benzo(a)pyrene	15.01	252	260869	48.84	ng	#	93
90) Dibenzo(a,h)anthracene	16.29	278	205188	48.65	ng		97
91) Benzo(g,h,i)perylene	16.63	276	194397	45.71	ng		95

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

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