Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089153.D
Acq On : 21 Jul 2016 1:52
Operator : UM/SJ
Sample : H4112-07MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-05-12.0-14.0MS

Quant Time: Jul 21 14:06:32 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	6.60	152	54143	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	200542	20.00	ng		0.01
38) Acenaphthene-d10	9.64	164	103867	20.00	ng		0.01
63) Phenanthrene-d10	11.11	188	196009	20.00	ng		0.00
75) Chrysene-d12	13.73	240	152738	20.00	ng		0.00
86) Perylene-d12	15.06	264	122343	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	336538	94.53	ng		0.01
7) Phenol-d6	6.27	99	437561	95.31	ng		0.00
23) Nitrobenzene-d5	7.18	82	285264	75.58	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	90449	96.72	ng		0.01
44) 2-Fluorobiphenyl	8.97	172	428728	56.87	ng		0.00
78) Terphenyl-d14	12.68	244	422533	60.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	38281	24.76	ng	#	83
3) Pyridine	2.74	79	101088	25.74	ng		98
4) n-Nitrosodimethylamine	2.71	42	48239	29.18	ng		98
6) Aniline	6.27	93	129980	20.95	ng	#	54
8) 2-Chlorophenol	6.40	128	124411	31.49	ng		98
9) Benzaldehyde	6.15	77	46223	16.50	ng	#	1
10) Phenol	6.28	94	166768	31.53	ng		95
11) bis(2-Chloroethyl)ether	6.35	93	127440	32.08	ng		98
12) 1,3-Dichlorobenzene	6.55	146	118696m	27.21	ng		
13) 1,4-Dichlorobenzene	6.62	146	122731	27.94	ng		98
14) 1,2-Dichlorobenzene	6.78	146	117771	28.43	ng		94
15) Benzyl Alcohol	6.76	79	111534	33.17	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	125342	27.69	ng	#	60
17) 2-Methylphenol	6.89	107	97333	31.28	ng		99
18) Hexachloroethane	7.11	117	69466	42.06	ng	#	1
19) n-Nitroso-di-n-propylamine	7.04	70	97662	32.52	ng		95
20) 3+4-Methylphenols	7.05	107	129995	30.77	ng		95
22) Acetophenone	7.03	105	169142	31.58	ng	#	96
24) Nitrobenzene	7.20	77	156933	39.42	ng	#	95
25) Isophorone	7.44	82	280610	40.34	ng	#	92
26) 2-Nitrophenol	7.52	139	60240	32.45	ng	#	81
27) 2,4-Dimethylphenol	7.56	122	112679	36.02	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	156391	35.94	ng	#	80
29) 2,4-Dichlorophenol	7.77	162	95674	33.94	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	99726	31.96	ng		95
31) Naphthalene	7.92	128	401940	37.14	ng		96
32) Benzoic acid	7.67	122	9114	3.79	ng	#	1
33) 4-Chloroaniline	7.98	127	72338	15.89	ng	#	85
34) Hexachlorobutadiene	8.04	225	50530	29.09	ng		98
35) Caprolactam	8.34	113	99351	113.48	ng	#	22
36) 4-Chloro-3-methylphenol	8.48	107	119940	35.31	ng		97
37) 2-Methylnaphthalene	8.62	142	323699	46.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	85286	22.09	ng	#	95
40) Hexachlorocyclopentadiene	8.76	237	60936	50.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	62853	29.09	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	55513	25.59	ng	#	38
45) 1,1'-Biphenyl	9.07	154	255351	27.30	ng		98
46) 2-Chloronaphthalene	9.10	162	197129	27.73	ng		99
47) 2-Nitroaniline	9.20	65	66814m	27.40	ng		
48) Acenaphthylene	9.51	152	334226	29.91	ng	#	95
49) Dimethylphthalate	9.38	163	337798	42.38	ng		98
50) 2,6-Dinitrotoluene	9.44	165	51263	28.49	ng	#	48
51) Acenaphthene	9.68	154	214263	32.41	ng		97
52) 3-Nitroaniline	9.61	138	58333	27.30	ng	#	89
53) 2,4-Dinitrophenol	9.72	184	16269	24.37	ng	#	70
54) Dibenzofuran	9.85	168	311213	34.84	ng	#	94
55) 4-Nitrophenol	9.79	139	91586	70.83	ng		89
56) 2,4-Dinitrotoluene	9.85	165	92846	40.06	ng	#	85
57) Fluorene	10.19	166	267898	35.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	53242	34.18	ng	#	90
59) Diethylphthalate	10.08	149	258942	32.76	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	101763	29.40	ng	#	70
61) 4-Nitroaniline	10.22	138	57620	27.71	ng		98
62) Azobenzene	10.34	77	288367	33.57	ng		86
64) 4,6-Dinitro-2-methylphenol	10.25	198	26166	22.93	ng	#	28
65) n-Nitrosodiphenylamine	10.31	169	283246	43.24	ng		87
66) 4-Bromophenyl-phenylether	10.66	248	59564	30.71	ng	#	81
67) Hexachlorobenzene	10.73	284	58869	28.22	ng	#	49
68) Atrazine	10.83	200	65045	31.75	ng		94
69) Pentachlorophenol	10.92	266	62152	64.58	ng		97
70) Phenanthrene	11.14	178	426382	39.65	ng		99
71) Anthracene	11.19	178	397868	35.60	ng		99
72) Carbazole	11.35	167	346252	35.27	ng		98
73) Di-n-butylphthalate	11.68	149	390140	32.13	ng		100
74) Fluoranthene	12.31	202	357917	31.67	ng		99
76) Benzidine	12.44	184	186667	35.55	ng		98
77) Pyrene	12.54	202	398179	31.57	ng		100
79) Butylbenzylphthalate	13.17	149	184923	34.66	ng		92
80) Benzo(a)anthracene	13.71	228	301384	30.98	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	65284	20.23	ng	#	95
82) Chrysene	13.75	228	255112	27.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	227874	32.20	ng		98
84) Di-n-octyl phthalate	14.33	149	365785	31.32	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	215428	31.92	ng		99
87) Benzo(b)fluoranthene	14.71	252	252428m	28.49	ng		
88) Benzo(k)fluoranthene	14.73	252	220815m	34.85	ng		
89) Benzo(a)pyrene	15.02	252	228170	33.17	ng	#	97
90) Dibenzo(a,h)anthracene	16.31	278	181088	33.34	ng		98
91) Benzo(g,h,i)perylene	16.66	276	179508	32.78	ng		99

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

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