Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089158.D
Acq On : 21 Jul 2016 4:20
Operator : UM/SJ
Sample : H4019-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-SGS-33MSD

Quant Time: Jul 21 07:36:13 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	53324	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	227677	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	111179	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	213664	20.00	ng		0.00
75) Chrysene-d12	13.73	240	150873	20.00	ng		0.00
86) Perylene-d12	15.06	264	118123	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	407787	116.31	ng		0.01
7) Phenol-d6	6.27	99	537830	118.95	ng		0.00
23) Nitrobenzene-d5	7.18	82	345396	80.61	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	107281	107.18	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	646130	80.07	ng		0.00
78) Terphenyl-d14	12.69	244	519176	74.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	42179	27.71	ng		89
3) Pyridine	2.74	79	101842	26.33	ng		98
4) n-Nitrosodimethylamine	2.71	42	54694	33.60	ng		98
6) Aniline	6.27	93	161070	26.37	ng	#	66
8) 2-Chlorophenol	6.39	128	139423	35.83	ng		84
9) Benzaldehyde	6.15	77	37648	13.35	ng		99
10) Phenol	6.28	94	184223	35.37	ng		97
11) bis(2-Chloroethyl)ether	6.35	93	146436	37.43	ng		99
12) 1,3-Dichlorobenzene	6.54	146	139373	32.44	ng		99
13) 1,4-Dichlorobenzene	6.62	146	150939	34.88	ng		98
14) 1,2-Dichlorobenzene	6.78	146	138653	33.99	ng		97
15) Benzyl Alcohol	6.76	79	128903	38.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	151088	33.90	ng		83
17) 2-Methylphenol	6.89	107	112083	36.57	ng		97
18) Hexachloroethane	7.11	117	55140	33.90	ng		94
19) n-Nitroso-di-n-propylamine	7.03	70	103201	34.90	ng	#	91
20) 3+4-Methylphenols	7.04	107	154664	37.17	ng	#	86
22) Acetophenone	7.03	105	213342	35.09	ng	#	97
24) Nitrobenzene	7.20	77	151268	33.47	ng		98
25) Isophorone	7.44	82	281948	35.70	ng		97
26) 2-Nitrophenol	7.51	139	74583	35.39	ng		94
27) 2,4-Dimethylphenol	7.56	122	122887	34.60	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	180810	36.60	ng		99
29) 2,4-Dichlorophenol	7.76	162	119792	37.43	ng		95
30) 1,2,4-Trichlorobenzene	7.83	180	119190	33.64	ng		95
31) Naphthalene	7.91	128	427796	34.81	ng		99
32) Benzoic acid	7.67	122	12020	4.40	ng		88
33) 4-Chloroaniline	7.96	127	126454	24.47	ng	#	90
34) Hexachlorobutadiene	8.03	225	65772	33.36	ng		96
35) Caprolactam	8.34	113	32420m	32.62	ng		
36) 4-Chloro-3-methylphenol	8.47	107	139690	36.23	ng		96
37) 2-Methylnaphthalene	8.59	142	264280	33.72	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	117337	28.40	ng		98
40) Hexachlorocyclopentadiene	8.75	237	92689	68.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	76601	33.12	ng		100
43) 2,4,5-Trichlorophenol	8.94	196	84709	36.49	ng		99
45) 1,1'-Biphenyl	9.06	154	332999	33.26	ng		98
46) 2-Chloronaphthalene	9.08	162	266568	35.04	ng		97
47) 2-Nitroaniline	9.19	65	84611	32.42	ng		94
48) Acenaphthylene	9.50	152	427667	35.75	ng		99
49) Dimethylphthalate	9.38	163	421057	49.35	ng		100
50) 2,6-Dinitrotoluene	9.44	165	69953	36.32	ng		93
51) Acenaphthene	9.67	154	254491	35.97	ng		100
52) 3-Nitroaniline	9.60	138	59886	26.18	ng	#	73
53) 2,4-Dinitrophenol	9.71	184	29433	35.30	ng		98
54) Dibenzofuran	9.84	168	374931	39.21	ng		99
55) 4-Nitrophenol	9.79	139	92435	66.79	ng		99
56) 2,4-Dinitrotoluene	9.84	165	94077	37.92	ng		94
57) Fluorene	10.18	166	301717	37.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	71603	42.94	ng		94
59) Diethylphthalate	10.07	149	296748	35.08	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	124734	33.67	ng	#	69
61) 4-Nitroaniline	10.22	138	72699	32.66	ng		99
62) Azobenzene	10.33	77	340450	37.03	ng		98
64) 4,6-Dinitro-2-methylphenol	10.25	198	34809	27.98	ng		95
65) n-Nitrosodiphenylamine	10.30	169	246356	34.50	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	80060	37.86	ng		91
67) Hexachlorobenzene	10.72	284	73175	32.18	ng	#	60
68) Atrazine	10.83	200	86499	38.74	ng		98
69) Pentachlorophenol	10.92	266	70565	67.26	ng		99
70) Phenanthrene	11.13	178	436581	37.25	ng		100
71) Anthracene	11.18	178	421758	34.62	ng		100
72) Carbazole	11.35	167	402658	37.63	ng		98
73) Di-n-butylphthalate	11.68	149	473706	35.79	ng		100
74) Fluoranthene	12.31	202	454011	36.85	ng		97
76) Benzidine	12.45	184	165772	31.96	ng		96
77) Pyrene	12.54	202	445033	35.72	ng		98
79) Butylbenzylphthalate	13.17	149	213262	40.46	ng		91
80) Benzo(a)anthracene	13.71	228	341631	35.55	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	86289	27.07	ng	#	97
82) Chrysene	13.75	228	293242	31.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	331026	47.35	ng		98
84) Di-n-octyl phthalate	14.33	149	419129	36.33	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	243408	36.51	ng		99
87) Benzo(b)fluoranthene	14.71	252	283765m	33.17	ng		
88) Benzo(k)fluoranthene	14.73	252	252036m	41.20	ng		
89) Benzo(a)pyrene	15.02	252	250116	37.66	ng		97
90) Dibenzo(a,h)anthracene	16.31	278	202123	38.54	ng		98
91) Benzo(g,h,i)perylene	16.66	276	199004	37.64	ng		99

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

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