Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078410.D
Acq On : 10 Apr 2015 20:22
Operator : TP/IZ
Sample : G1791-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD08CMSD

Manual Integrations APPROVED
apatel
4/13/2015 4:16:35 PM

Quant Time: Apr 13 10:57:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	33829	20.00	ng		-0.01
21) Naphthalene-d8	8.44	136	144861	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	77238	20.00	ng		0.00
63) Phenanthrene-d10	12.42	188	159708	20.00	ng		0.00
75) Chrysene-d12	15.69	240	176831	20.00	ng		0.00
86) Perylene-d12	17.44	264	174591	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	133520	65.08	ng		0.00
7) Phenol-d6	6.45	99	191917	74.64	ng		-0.01
23) Nitrobenzene-d5	7.56	82	122717	51.35	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	81629	127.43	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	300238	55.56	ng		0.00
78) Terphenyl-d14	14.41	244	463365	59.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.65	88	19981m	21.54	ng		
3) Pyridine	2.26	79	39826	16.39	ng		99
4) n-Nitrosodimethylamine	2.19	42	21502m	22.98	ng		
6) Aniline	6.44	93	70099	19.22	ng		93
8) 2-Chlorophenol	6.59	128	56035	23.10	ng		100
9) Benzaldehyde	6.29	77	11122	6.53	ng		88
10) Phenol	6.48	94	76385	24.79	ng		100
11) bis(2-Chloroethyl)ether	6.56	93	52587	23.73	ng		95
12) 1,3-Dichlorobenzene	6.77	146	55775	20.93	ng		100
13) 1,4-Dichlorobenzene	6.88	146	57510	21.44	ng		98
14) 1,2-Dichlorobenzene	7.06	146	55660	22.13	ng		97
15) Benzyl Alcohol	7.06	79	50052	27.70	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	75032	25.39	ng		96
17) 2-Methylphenol	7.22	107	48979	26.00	ng		95
18) Hexachloroethane	7.48	117	18965	20.97	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	47584	28.05	ng	#	86
20) 3+4-Methylphenols	7.42	107	67299	26.78	ng		91
22) Acetophenone	7.38	105	93922	27.83	ng	#	94
24) Nitrobenzene	7.58	77	62994	25.21	ng		90
25) Isophorone	7.88	82	135954	29.97	ng	#	93
26) 2-Nitrophenol	7.97	139	29443	24.73	ng	#	76
27) 2,4-Dimethylphenol	8.06	122	61896	27.96	ng		95
28) bis(2-Chloroethoxy)methane	8.18	93	83035	28.55	ng		98
29) 2,4-Dichlorophenol	8.28	162	54706	27.16	ng		90
30) 1,2,4-Trichlorobenzene	8.37	180	53823	23.31	ng		96
31) Naphthalene	8.46	128	185314	24.58	ng		100
32) Benzoic acid	8.16	122	2641	8.02	ng		92
33) 4-Chloroaniline	8.56	127	79199	25.31	ng		97
34) Hexachlorobutadiene	8.62	225	30068	23.71	ng		97
35) Caprolactam	8.97	113	24032	39.97	ng		90
36) 4-Chloro-3-methylphenol	9.17	107	75033	36.92	ng		92
37) 2-Methylnaphthalene	9.32	142	146567	28.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	61606	25.74	ng		98
40) Hexachlorocyclopentadiene	9.50	237	26379	30.24	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	49624	32.88	ng		98
43) 2,4,5-Trichlorophenol	9.73	196	53488	33.92	ng	#	83
45) 1,1'-Biphenyl	9.90	154	191420	30.30	ng		100
46) 2-Chloronaphthalene	9.92	162	147594	29.69	ng		96
47) 2-Nitroaniline	10.05	65	45743	37.19	ng		93
48) Acenaphthylene	10.42	152	256569	31.96	ng		100
49) Dimethylphthalate	10.30	163	250485	43.17	ng	#	97
50) 2,6-Dinitrotoluene	10.37	165	44310	37.12	ng		93
51) Acenaphthene	10.64	154	150062	33.20	ng		100
52) 3-Nitroaniline	10.57	138	49067	36.15	ng		96
53) 2,4-Dinitrophenol	10.70	184	7631	27.67	ng		92
54) Dibenzofuran	10.85	168	239027	34.63	ng		93
55) 4-Nitrophenol	10.81	139	65155	65.69	ng	#	77
56) 2,4-Dinitrotoluene	10.86	165	62458	40.39	ng		91
57) Fluorene	11.26	166	198209	35.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	45980	39.33	ng		98
59) Diethylphthalate	11.17	149	216606	38.71	ng		100
60) 4-Chlorophenyl-phenylether	11.29	204	95432	37.08	ng	#	90
61) 4-Nitroaniline	11.32	138	49866	36.34	ng		91
62) Azobenzene	11.48	77	245519	48.08	ng		88
64) 4,6-Dinitro-2-methylphenol	11.36	198	17919	27.13	ng		79
65) n-Nitrosodiphenylamine	11.44	169	179094	32.42	ng		99
66) 4-Bromophenyl-phenylether	11.88	248	56012	33.12	ng		96
67) Hexachlorobenzene	11.94	284	61939	33.42	ng		95
68) Atrazine	12.12	200	51990	32.49	ng		96
69) Pentachlorophenol	12.19	266	55075	68.27	ng		98
70) Phenanthrene	12.44	178	314346	34.03	ng		99
71) Anthracene	12.51	178	317396	34.87	ng		100
72) Carbazole	12.73	167	307191	36.01	ng		99
73) Di-n-butylphthalate	13.20	149	376196	38.92	ng		99
74) Fluoranthene	13.92	202	352801	36.21	ng		89
76) Benzidine	14.11	184	129065	18.96	ng		98
77) Pyrene	14.19	202	373590	33.65	ng		99
79) Butylbenzylphthalate	15.04	149	169961	40.17	ng		88
80) Benzo(a)anthracene	15.68	228	358216	34.05	ng		99
81) 3,3'-Dichlorobenzidine	15.67	252	117456	33.33	ng	#	98
82) Chrysene	15.72	228	326626	33.04	ng		98
83) Bis(2-ethylhexyl)phthalate	15.77	149	273224	41.17	ng	#	97
84) Di-n-octyl phthalate	16.57	149	465369	42.71	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.71	276	405549	36.16	ng	#	86
87) Benzo(b)fluoranthene	16.98	252	371754	34.45	ng	#	95
88) Benzo(k)fluoranthene	17.01	252	323163	33.70	ng		98
89) Benzo(a)pyrene	17.37	252	337739	35.86	ng	#	95
90) Dibenzo(a,h)anthracene	18.73	278	337350	35.78	ng		97
91) Benzo(g,h,i)perylene	19.06	276	331027	35.02	ng		100

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

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