Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078187.D
Acq On : 2 Apr 2015 8:54
Operator : TP/IZ
Sample : G1719-10MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-109-33015MSD

Manual Integrations APPROVED
apatel
4/2/2015 5:52:03 PM

Quant Time: Apr 02 14:04:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	38481	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	152810	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	76409	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	144020	20.00	ng		0.00
75) Chrysene-d12	15.86	240	146488	20.00	ng		-0.01
86) Perylene-d12	17.55	264	141150	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	119404	51.16	ng		0.00
7) Phenol-d6	6.60	99	95949	32.80	ng		0.00
23) Nitrobenzene-d5	7.72	82	231443	91.80	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	91065	143.70	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	503635	94.22	ng		0.00
78) Terphenyl-d14	14.59	244	591120	91.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	15156	14.36	ng	#	91
3) Pyridine	2.54	79	34041	12.31	ng		93
4) n-Nitrosodimethylamine	2.45	42	17703m	16.64	ng		
6) Aniline	6.60	93	91978	22.17	ng		98
8) 2-Chlorophenol	6.75	128	93702	33.95	ng		99
10) Phenol	6.62	94	45284	12.92	ng		92
11) bis(2-Chloroethyl)ether	6.72	93	118280	46.93	ng		98
12) 1,3-Dichlorobenzene	6.93	146	116553	38.45	ng		97
13) 1,4-Dichlorobenzene	7.04	146	119500	39.16	ng		99
14) 1,2-Dichlorobenzene	7.22	146	116704	40.79	ng		98
15) Benzyl Alcohol	7.21	79	54643	26.58	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	155555	46.27	ng		99
17) 2-Methylphenol	7.37	107	59465	27.75	ng		98
18) Hexachloroethane	7.64	117	40165	39.03	ng		95
19) n-Nitroso-di-n-propylamine	7.55	70	88185	45.70	ng		99
20) 3+4-Methylphenols	7.56	107	72318	25.30	ng		97
22) Acetophenone	7.53	105	167961	47.17	ng	#	88
24) Nitrobenzene	7.74	77	124635	47.29	ng		99
25) Isophorone	8.04	82	232555	48.60	ng		100
26) 2-Nitrophenol	8.13	139	55613	44.28	ng		94
27) 2,4-Dimethylphenol	8.21	122	89829	38.46	ng		99
28) bis(2-Chloroethoxy)methane	8.33	93	150449	49.04	ng		100
29) 2,4-Dichlorophenol	8.44	162	89229	42.00	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	104903	43.06	ng		98
31) Naphthalene	8.62	128	359723	45.23	ng		99
32) Benzoic acid	8.32	122	11196	14.76	ng		99
33) 4-Chloroaniline	8.70	127	116644	35.34	ng		99
34) Hexachlorobutadiene	8.78	225	54749	40.93	ng		96
35) Caprolactam	9.13	113	3308	5.22	ng		95
36) 4-Chloro-3-methylphenol	9.32	107	88565	41.31	ng		91
37) 2-Methylnaphthalene	9.48	142	256518	47.50	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	108346	45.76	ng		97
40) Hexachlorocyclopentadiene	9.68	237	92330	89.69	ng		96
42) 2,4,6-Trichlorophenol	9.84	196	67766	45.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	69316	44.44	ng	#	85
45) 1,1'-Biphenyl	10.06	154	304288	48.69	ng		100
46) 2-Chloronaphthalene	10.08	162	234558	47.70	ng		100
47) 2-Nitroaniline	10.21	65	57119	46.95	ng		95
48) Acenaphthylene	10.59	152	370195	46.62	ng		99
49) Dimethylphthalate	10.45	163	280486	48.86	ng		99
50) 2,6-Dinitrotoluene	10.53	165	62488	52.91	ng		98
51) Acenaphthene	10.80	154	212946	47.63	ng		100
52) 3-Nitroaniline	10.73	138	51872	38.63	ng		100
53) 2,4-Dinitrophenol	10.87	184	42254	87.78	ng		93
54) Dibenzofuran	11.01	168	336106	49.22	ng		100
55) 4-Nitrophenol	10.97	139	24588	26.77	ng		86
56) 2,4-Dinitrotoluene	11.03	165	82264	53.78	ng		99
57) Fluorene	11.44	166	277587	50.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	56251	48.64	ng		99
59) Diethylphthalate	11.33	149	279064	50.42	ng		98
60) 4-Chlorophenyl-phenylether	11.45	204	124354	48.84	ng	#	72
61) 4-Nitroaniline	11.48	138	49389	36.38	ng		97
62) Azobenzene	11.64	77	262702	52.00	ng		99
64) 4,6-Dinitro-2-methylphenol	11.52	198	28109	40.87	ng		93
65) n-Nitrosodiphenylamine	11.61	169	237963	47.77	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	75716	49.64	ng		99
67) Hexachlorobenzene	12.11	284	80797	48.34	ng		97
68) Atrazine	12.28	200	75488	52.32	ng		97
69) Pentachlorophenol	12.36	266	61972	83.26	ng		97
70) Phenanthrene	12.63	178	421489	50.59	ng		99
71) Anthracene	12.68	178	389166	47.41	ng		100
72) Carbazole	12.90	167	403480	52.44	ng		99
73) Di-n-butylphthalate	13.36	149	450884	51.73	ng		99
74) Fluoranthene	14.09	202	439003	49.97	ng		97
76) Benzidine	14.28	184	226514	40.16	ng		98
77) Pyrene	14.37	202	463330	50.38	ng		99
79) Butylbenzylphthalate	15.21	149	197151	56.25	ng		93
80) Benzo(a)anthracene	15.85	228	420888	48.29	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	82939	28.41	ng	#	97
82) Chrysene	15.89	228	401407	49.02	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	293240	53.34	ng	#	96
84) Di-n-octyl phthalate	16.71	149	502392	55.66	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.85	276	472937	50.90	ng	#	86
87) Benzo(b)fluoranthene	17.12	252	470823	53.97	ng	#	95
88) Benzo(k)fluoranthene	17.15	252	352319m	45.45	ng		
89) Benzo(a)pyrene	17.49	252	401326	52.71	ng		99
90) Dibenzo(a,h)anthracene	18.89	278	391703	51.39	ng		98
91) Benzo(g,h,i)perylene	19.23	276	389962	51.03	ng		98

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

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