Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078417.D
Acq On : 10 Apr 2015 23:44
Operator : TP/IZ
Sample : G1744-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-1AMSD

Manual Integrations APPROVED
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4/13/2015 4:16:47 PM

Quant Time: Apr 13 11:00:13 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	33863	20.00	ng		-0.01
21) Naphthalene-d8	8.44	136	143761	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	74537	20.00	ng		0.00
63) Phenanthrene-d10	12.42	188	150577	20.00	ng		0.00
75) Chrysene-d12	15.68	240	159835	20.00	ng		-0.01
86) Perylene-d12	17.38	264	154733	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	264556	128.81	ng		0.00
7) Phenol-d6	6.45	99	337484	131.12	ng		-0.01
23) Nitrobenzene-d5	7.56	82	202703	85.46	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	92111	149.00	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	411878	78.99	ng		0.00
78) Terphenyl-d14	14.41	244	527939	74.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	33800m	36.39	ng		
3) Pyridine	2.25	79	80258	32.99	ng		91
4) n-Nitrosodimethylamine	2.19	42	40027m	42.74	ng		
6) Aniline	6.45	93	48503	13.29	ng	#	67
8) 2-Chlorophenol	6.59	128	103442	42.59	ng		99
9) Benzaldehyde	6.29	77	62975	36.92	ng		90
10) Phenol	6.48	94	123837	40.15	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	91932	41.45	ng		96
12) 1,3-Dichlorobenzene	6.77	146	105458	39.53	ng		100
13) 1,4-Dichlorobenzene	6.88	146	106403	39.63	ng		98
14) 1,2-Dichlorobenzene	7.06	146	103409	41.07	ng		99
15) Benzyl Alcohol	7.06	79	82590	45.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	128403	43.40	ng		97
17) 2-Methylphenol	7.22	107	78016	41.38	ng		95
18) Hexachloroethane	7.48	117	37318	41.21	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	70400	41.45	ng	#	85
20) 3+4-Methylphenols	7.42	107	106759	42.44	ng		92
22) Acetophenone	7.38	105	142930	42.67	ng	#	92
24) Nitrobenzene	7.58	77	105031	42.36	ng		88
25) Isophorone	7.88	82	183456	40.75	ng	#	91
26) 2-Nitrophenol	7.97	139	50427	42.68	ng	#	78
27) 2,4-Dimethylphenol	8.06	122	93825	42.70	ng		96
28) bis(2-Chloroethoxy)methane	8.18	93	120319	41.68	ng		99
29) 2,4-Dichlorophenol	8.28	162	89590	44.82	ng		90
30) 1,2,4-Trichlorobenzene	8.37	180	92475	40.35	ng		98
31) Naphthalene	8.46	128	309288	41.33	ng		99
32) Benzoic acid	8.19	122	43775	43.05	ng		90
33) 4-Chloroaniline	8.56	127	42413	13.66	ng		97
34) Hexachlorobutadiene	8.62	225	51494	40.92	ng		98
35) Caprolactam	8.97	113	26638	44.65	ng		98
36) 4-Chloro-3-methylphenol	9.17	107	90804	45.02	ng		96
37) 2-Methylnaphthalene	9.32	142	207284	40.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	92469	40.04	ng		99
40) Hexachlorocyclopentadiene	9.50	237	77402	78.03	ng		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	63457	43.57	ng		100
43) 2,4,5-Trichlorophenol	9.72	196	65530	43.06	ng		98
45) 1,1'-Biphenyl	9.90	154	249964	41.00	ng		99
46) 2-Chloronaphthalene	9.92	162	197624	41.20	ng		97
47) 2-Nitroaniline	10.05	65	52526	44.26	ng		91
48) Acenaphthylene	10.42	152	323518	41.76	ng		100
49) Dimethylphthalate	10.30	163	255081	45.55	ng	#	97
50) 2,6-Dinitrotoluene	10.37	165	49907	43.32	ng		92
51) Acenaphthene	10.64	154	185555	42.55	ng		98
52) 3-Nitroaniline	10.57	138	27826	21.24	ng		92
53) 2,4-Dinitrophenol	10.70	184	37047	81.78	ng		97
54) Dibenzofuran	10.85	168	283066	42.49	ng		93
55) 4-Nitrophenol	10.81	139	78013	80.84	ng	#	76
56) 2,4-Dinitrotoluene	10.86	165	70450	47.21	ng		93
57) Fluorene	11.27	166	229726	42.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	53955m	47.83	ng		
59) Diethylphthalate	11.17	149	244448	45.27	ng		99
60) 4-Chlorophenyl-phenylether	11.29	204	109684	44.16	ng	#	86
61) 4-Nitroaniline	11.32	138	49559	37.42	ng		89
62) Azobenzene	11.48	77	246158	49.95	ng		89
64) 4,6-Dinitro-2-methylphenol	11.36	198	30457	42.04	ng	#	75
65) n-Nitrosodiphenylamine	11.44	169	203214	39.02	ng		99
66) 4-Bromophenyl-phenylether	11.88	248	65097	40.82	ng		97
67) Hexachlorobenzene	11.94	284	69669	39.87	ng	#	92
68) Atrazine	12.12	200	71700	47.53	ng		98
69) Pentachlorophenol	12.19	266	67241	86.12	ng		98
70) Phenanthrene	12.44	178	338905	38.91	ng		100
71) Anthracene	12.51	178	350501	40.84	ng		100
72) Carbazole	12.73	167	340301	42.31	ng		99
73) Di-n-butylphthalate	13.20	149	418342	45.91	ng	#	99
74) Fluoranthene	13.91	202	383750	41.78	ng		99
76) Benzidine	14.11	184	148950	24.20	ng		97
77) Pyrene	14.18	202	390474	38.92	ng		97
79) Butylbenzylphthalate	15.04	149	187748	49.09	ng		88
80) Benzo(a)anthracene	15.67	228	376396	39.58	ng		98
81) 3,3'-Dichlorobenzidine	15.65	252	76592	24.05	ng	#	97
82) Chrysene	15.71	228	357920	40.06	ng		100
83) Bis(2-ethylhexyl)phthalate	15.76	149	279548	46.61	ng	#	96
84) Di-n-octyl phthalate	16.55	149	485381	49.28	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.64	276	412900	40.73	ng	#	87
87) Benzo(b)fluoranthene	16.95	252	399398	41.76	ng	#	96
88) Benzo(k)fluoranthene	16.98	252	331725m	39.03	ng		
89) Benzo(a)pyrene	17.32	252	354634	42.49	ng	#	96
90) Dibenzo(a,h)anthracene	18.66	278	336351	40.25	ng		99
91) Benzo(g,h,i)perylene	18.98	276	337598	40.30	ng		99

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

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