Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
Data File : BF077358.D
Acq On : 18 Feb 2015 18:06
Operator : TP/IZ
Sample : G1233-06MS
Misc : S
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA1(9.5-10)MS

Quant Time: Feb 19 03:43:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	61934	20.00	ng		-0.02
21) Naphthalene-d8	8.93	136	249672	20.00	ng		-0.02
38) Acenaphthene-d10	11.12	164	126927	20.00	ng		-0.02
63) Phenanthrene-d10	12.98	188	229774m	20.00	ng		0.00
75) Chrysene-d12	16.37	240	75637	20.00	ng		0.10
86) Perylene-d12	18.18	264	89386	20.00	ng		0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	290135	80.06	ng		-0.02
7) Phenol-d6	6.90	99	369401	78.03	ng		-0.02
23) Nitrobenzene-d5	8.04	82	207794	57.63	ng		-0.02
41) 2,4,6-Tribromophenol	12.11	330	105715	89.81	ng		0.00
44) 2-Fluorobiphenyl	10.28	172	506107	60.11	ng		-0.02
78) Terphenyl-d14	15.03	244	272414m	81.88	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	29093	18.31	ng		99
3) Pyridine	3.08	79	67942	16.20	ng		94
4) n-Nitrosodimethylamine	2.98	42	41844	20.85	ng	#	92
6) Aniline	6.94	93	69417	10.38	ng		96
8) 2-Chlorophenol	7.08	128	111715	26.30	ng		97
9) Benzaldehyde	6.81	77	8493	2.86	ng	#	34
10) Phenol	6.92	94	138377	25.16	ng		88
11) bis(2-Chloroethyl)ether	7.04	93	96922	23.50	ng		97
12) 1,3-Dichlorobenzene	7.28	146	118766	24.79	ng		99
13) 1,4-Dichlorobenzene	7.38	146	124693	25.24	ng		98
14) 1,2-Dichlorobenzene	7.56	146	119325	25.04	ng		99
15) Benzyl Alcohol	7.53	79	90458	25.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.71	45	144193	23.22	ng		98
17) 2-Methylphenol	7.68	107	87456	25.83	ng		94
18) Hexachloroethane	7.98	117	44894	27.89	ng		95
19) n-Nitroso-di-n-propylamine	7.87	70	76966	23.40	ng		94
20) 3+4-Methylphenols	7.86	107	114823	26.05	ng		97
22) Acetophenone	7.86	105	162354	27.63	ng	#	99
24) Nitrobenzene	8.06	77	107759	27.73	ng		98
25) Isophorone	8.37	82	213719	26.30	ng	#	85
26) 2-Nitrophenol	8.46	139	40325	34.96	ng		95
27) 2,4-Dimethylphenol	8.52	122	104266	28.17	ng		95
28) bis(2-Chloroethoxy)methane	8.65	93	137081	26.22	ng		98
29) 2,4-Dichlorophenol	8.76	162	91502	28.76	ng		89
30) 1,2,4-Trichlorobenzene	8.86	180	104424	25.85	ng		97
31) Naphthalene	8.96	128	353145	28.27	ng		99
32) Benzoic acid	8.59	122	21496	23.93	ng		95
33) 4-Chloroaniline	9.04	127	59961	11.23	ng	#	91
34) Hexachlorobutadiene	9.12	225	54142	24.52	ng		99
35) Caprolactam	9.45	113	24783	25.32	ng		94
36) 4-Chloro-3-methylphenol	9.63	107	102034	29.15	ng	#	82
37) 2-Methylnaphthalene	9.82	142	253380	28.20	ng		100
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	97053	26.48	ng		98
40) Hexachlorocyclopentadiene	10.02	237	24212	13.29	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	65735	32.01	ng		97
43) 2,4,5-Trichlorophenol	10.21	196	67401	30.70	ng	#	91
45) 1,1'-Biphenyl	10.41	154	296507	29.30	ng		94
46) 2-Chloronaphthalene	10.43	162	216490	28.80	ng		91
47) 2-Nitroaniline	10.55	65	50438	31.88	ng		98
48) Acenaphthylene	10.95	152	366255	29.55	ng		100
49) Dimethylphthalate	10.79	163	296860	33.99	ng		99
50) 2,6-Dinitrotoluene	10.87	165	52382	33.03	ng	#	58
51) Acenaphthene	11.15	154	212734	28.91	ng		99
52) 3-Nitroaniline	11.06	138	50013	26.51	ng		95
53) 2,4-Dinitrophenol	11.20	184	10127	43.39	ng	#	76
54) Dibenzofuran	11.37	168	302560	27.11	ng		97
55) 4-Nitrophenol	11.27	139	88425	67.63	ng		93
56) 2,4-Dinitrotoluene	11.36	165	67193	34.14	ng	#	95
57) Fluorene	11.80	166	269502	30.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.52	232	50688	28.91	ng	#	88
59) Diethylphthalate	11.68	149	259605	28.55	ng		98
60) 4-Chlorophenyl-phenylether	11.81	204	111605	26.20	ng		93
61) 4-Nitroaniline	11.81	138	49600	27.38	ng		98
62) Azobenzene	12.01	77	292059	32.42	ng		85
64) 4,6-Dinitro-2-methylphenol	11.86	198	11812	30.94	ng	#	1
65) n-Nitrosodiphenylamine	11.96	169	281676	37.58	ng		98
66) 4-Bromophenyl-phenylether	12.42	248	70022	27.33	ng	#	85
67) Hexachlorobenzene	12.50	284	73902	25.43	ng	#	85
68) Atrazine	12.64	200	62799	28.03	ng		77
69) Pentachlorophenol	12.74	266	72855	70.42	ng		95
70) Phenanthrene	13.01	178	415530	31.12	ng	#	93
71) Anthracene	13.07	178	325932	24.55	ng	#	90
72) Carbazole	13.28	167	320884	27.49	ng	#	89
73) Di-n-butylphthalate	13.73	149	368487	25.64	ng	#	91
74) Fluoranthene	14.52	202	242609m	18.00	ng		
77) Pyrene	14.81	202	233307m	49.90	ng		
79) Butylbenzylphthalate	15.64	149	71915m	38.68	ng		
80) Benzo(a)anthracene	16.36	228	157686	35.80	ng	#	79
81) 3,3'-Dichlorobenzidine	16.31	252	27292	18.76	ng	#	29
82) Chrysene	16.41	228	69074m	16.58	ng		
83) Bis(2-ethylhexyl)phthalate	16.39	149	97978	31.30	ng	#	59
84) Di-n-octyl phthalate	17.21	149	125000	25.38	ng	#	1
85) Indeno(1,2,3-cd)pyrene	19.73	276	263715m	55.44	ng		
87) Benzo(b)fluoranthene	17.71	252	129386m	22.52	ng		
88) Benzo(k)fluoranthene	17.75	252	105335m	22.19	ng		
89) Benzo(a)pyrene	18.11	252	135037	27.00	ng	#	1
90) Dibenzo(a,h)anthracene	19.76	278	221344m	43.49	ng		
91) Benzo(g,h,i)perylene	20.19	276	246961m	48.80	ng		

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

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