Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
Data File : BF077417.D
Acq On : 24 Feb 2015 15:04
Operator : IZ / TP
Sample : G1336-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRILL-CUTTINGSMSD

Manual Integrations APPROVED
apatel
2/25/2015 3:33:26 PM

Quant Time: Feb 25 01:09:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 00:25:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	48641	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	198034	20.00	ng		-0.01
38) Acenaphthene-d10	11.05	164	101603	20.00	ng		-0.01
63) Phenanthrene-d10	12.90	188	199837	20.00	ng		0.00
75) Chrysene-d12	16.18	240	214636	20.00	ng		-0.05
86) Perylene-d12	17.91	264	222630	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	162353	55.72	ng		0.00
7) Phenol-d6	6.85	99	288309	76.96	ng		-0.01
23) Nitrobenzene-d5	8.00	82	170836	53.64	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	47318	48.37	ng		-0.01
44) 2-Fluorobiphenyl	10.22	172	378640	58.11	ng		0.00
78) Terphenyl-d14	14.89	244	440690	48.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	25691	20.78	ng		95
3) Pyridine	3.00	79	77101	21.80	ng		92
4) n-Nitrosodimethylamine	2.91	42	36209	23.55	ng		99
6) Aniline	6.89	93	60127	11.61	ng		98
8) 2-Chlorophenol	7.02	128	71212	20.72	ng		96
10) Phenol	6.86	94	107369	24.16	ng		93
11) bis(2-Chloroethyl)ether	6.99	93	77665	24.32	ng		98
12) 1,3-Dichlorobenzene	7.23	146	89473	23.91	ng	#	89
13) 1,4-Dichlorobenzene	7.32	146	90031	23.65	ng		98
14) 1,2-Dichlorobenzene	7.50	146	88007	24.30	ng		99
15) Benzyl Alcohol	7.48	79	69291	24.33	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.66	45	106112	23.24	ng		100
17) 2-Methylphenol	7.62	107	64756	24.10	ng		97
18) Hexachloroethane	7.93	117	30501	23.98	ng		94
19) n-Nitroso-di-n-propylamine	7.81	70	57963	24.36	ng		99
20) 3+4-Methylphenols	7.81	107	86929	24.57	ng		89
22) Acetophenone	7.80	105	110892	23.81	ng	#	96
24) Nitrobenzene	8.02	77	83087	24.80	ng		96
25) Isophorone	8.32	82	154418	24.44	ng		98
26) 2-Nitrophenol	8.41	139	26695	19.44	ng		99
27) 2,4-Dimethylphenol	8.46	122	71223	23.18	ng		97
28) bis(2-Chloroethoxy)methane	8.59	93	90575	22.69	ng		98
29) 2,4-Dichlorophenol	8.70	162	59215	20.53	ng		93
30) 1,2,4-Trichlorobenzene	8.81	180	75027	23.66	ng		99
31) Naphthalene	8.91	128	246608	24.90	ng		98
33) 4-Chloroaniline	8.98	127	61110	13.88	ng		98
34) Hexachlorobutadiene	9.06	225	43087	23.80	ng		97
35) Caprolactam	9.38	113	21849	24.82	ng		91
36) 4-Chloro-3-methylphenol	9.57	107	67836	23.40	ng		92
37) 2-Methylnaphthalene	9.77	142	170468	24.24	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	74253	25.47	ng		99
40) Hexachlorocyclopentadiene	9.96	237	63118	40.38	ng		99
42) 2,4,6-Trichlorophenol	10.11	196	21710	11.25	ng		99
43) 2,4,5-Trichlorophenol	10.16	196	36670	17.76	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	10.35	154	195048	25.34	ng		99
46) 2-Chloronaphthalene	10.36	162	161122	26.69	ng		100
47) 2-Nitroaniline	10.49	65	39274	26.43	ng		94
48) Acenaphthylene	10.88	152	261354	27.35	ng		99
49) Dimethylphthalate	10.73	163	199206	27.89	ng		99
50) 2,6-Dinitrotoluene	10.80	165	38419	26.82	ng	#	47
51) Acenaphthene	11.09	154	149289	26.18	ng		100
52) 3-Nitroaniline	11.00	138	41073	24.87	ng		88
54) Dibenzofuran	11.31	168	229816	26.10	ng		96
55) 4-Nitrophenol	11.21	139	6759	5.09	ng	#	78
56) 2,4-Dinitrotoluene	11.30	165	50326	26.00	ng		93
57) Fluorene	11.73	166	190439	27.05	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.46	232	10842	6.53	ng	#	97
59) Diethylphthalate	11.61	149	180005	25.57	ng		98
60) 4-Chlorophenyl-phenylether	11.75	204	87296	25.74	ng		94
61) 4-Nitroaniline	11.76	138	44321	28.00	ng		87
62) Azobenzene	11.94	77	183077	27.41	ng		91
64) 4,6-Dinitro-2-methylphenol	11.79	198	1252	5.16	ng	#	1
65) n-Nitrosodiphenylamine	11.88	169	157546	23.76	ng		99
66) 4-Bromophenyl-phenylether	12.35	248	52682	22.51	ng	#	91
67) Hexachlorobenzene	12.41	284	58679	23.36	ng	#	86
68) Atrazine	12.56	200	50062	23.22	ng		98
69) Pentachlorophenol	12.65	266	8668	6.57	ng		96
70) Phenanthrene	12.92	178	279923	24.17	ng		100
71) Anthracene	12.99	178	285436	24.83	ng		98
72) Carbazole	13.19	167	268527	24.57	ng		99
73) Di-n-butylphthalate	13.64	149	288175	22.46	ng		97
74) Fluoranthene	14.40	202	310741	24.56	ng		97
76) Benzidine	14.58	184	136600m	18.84	ng		
77) Pyrene	14.68	202	316100	24.08	ng		99
79) Butylbenzylphthalate	15.51	149	123491	22.86	ng		86
80) Benzo(a)anthracene	16.17	228	295584	23.50	ng		99
81) 3,3'-Dichlorobenzidine	16.15	252	79978	17.35	ng	#	96
82) Chrysene	16.21	228	281763	23.85	ng		98
83) Bis(2-ethylhexyl)phthalate	16.23	149	169654	19.59	ng	#	95
84) Di-n-octyl phthalate	17.01	149	293204	20.27	ng	#	99
85) Indeno(1,2,3-cd)pyrene	19.38	276	348774m	25.90	ng		
87) Benzo(b)fluoranthene	17.46	252	350444	27.07	ng	#	97
88) Benzo(k)fluoranthene	17.49	252	242398m	19.11	ng		
89) Benzo(a)pyrene	17.84	252	291965	23.68	ng	#	97
90) Dibenzo(a,h)anthracene	19.41	278	289173	24.59	ng	#	95
91) Benzo(g,h,i)perylene	19.81	276	295502	24.90	ng		95

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

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