Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077672.D
Acq On : 10 Mar 2015 20:32
Operator : TP/IZ
Sample : G1440-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(8-9)MSD

Manual Integrations APPROVED
mohammad
3/12/2015 2:22:00 PM

Quant Time: Mar 11 02:03:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	51805	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	206902	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	102553	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	194834	20.00	ng		0.00
75) Chrysene-d12	16.09	240	215906	20.00	ng		0.01
86) Perylene-d12	17.97	264	219788	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	238469	76.85	ng		0.00
7) Phenol-d6	6.75	99	311170	77.99	ng		0.00
23) Nitrobenzene-d5	7.88	82	172853	51.95	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	71868	72.78	ng		0.00
44) 2-Fluorobiphenyl	10.11	172	365229	55.53	ng		0.00
78) Terphenyl-d14	14.77	244	425479	46.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	28740	21.83	ng		99
3) Pyridine	2.83	79	82040	21.78	ng		94
4) n-Nitrosodimethylamine	2.74	42	37067	22.63	ng		93
6) Aniline	6.77	93	82024	14.87	ng	#	86
8) 2-Chlorophenol	6.91	128	86809	23.71	ng		99
9) Benzaldehyde	6.63	77	10567	4.36	ng		91
10) Phenol	6.76	94	117230	24.76	ng		83
11) bis(2-Chloroethyl)ether	6.88	93	83536	24.56	ng		97
12) 1,3-Dichlorobenzene	7.11	146	93541	23.47	ng		96
13) 1,4-Dichlorobenzene	7.21	146	93956	23.17	ng		99
14) 1,2-Dichlorobenzene	7.39	146	89632	23.24	ng		99
15) Benzyl Alcohol	7.37	79	71408	23.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	111027	22.83	ng		100
17) 2-Methylphenol	7.52	107	70585	24.67	ng		98
18) Hexachloroethane	7.81	117	30720	22.68	ng	#	76
19) n-Nitroso-di-n-propylamine	7.70	70	69354	27.37	ng		96
20) 3+4-Methylphenols	7.71	107	90782	24.09	ng	#	74
22) Acetophenone	7.69	105	115501	23.73	ng	#	90
24) Nitrobenzene	7.90	77	87559	25.01	ng	#	96
25) Isophorone	8.20	82	172494	26.13	ng	#	98
26) 2-Nitrophenol	8.30	139	42412	29.56	ng		90
27) 2,4-Dimethylphenol	8.36	122	78398	24.42	ng		99
28) bis(2-Chloroethoxy)methane	8.48	93	99322	23.82	ng	#	93
29) 2,4-Dichlorophenol	8.59	162	76807	25.49	ng		92
30) 1,2,4-Trichlorobenzene	8.69	180	76844	23.20	ng		98
31) Naphthalene	8.79	128	273784	26.46	ng		100
32) Benzoic acid	8.45	122	17843	11.44	ng	#	21
33) 4-Chloroaniline	8.86	127	79334	17.25	ng	#	94
34) Hexachlorobutadiene	8.95	225	42814	22.64	ng		99
35) Caprolactam	9.27	113	23153	25.17	ng	#	57
36) 4-Chloro-3-methylphenol	9.47	107	75851	25.04	ng		98
37) 2-Methylnaphthalene	9.65	142	398565	54.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	70131	23.83	ng	#	95
40) Hexachlorocyclopentadiene	9.84	237	60378	38.27	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077672.D
Acq On : 10 Mar 2015 20:32
Operator : TP/IZ
Sample : G1440-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(8-9)MSD

Manual Integrations APPROVED
mohammad
3/12/2015 2:22:00 PM

Quant Time: Mar 11 02:03:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	51899	26.63	ng		98
43) 2,4,5-Trichlorophenol	10.04	196	54463	26.14	ng	#	82
45) 1,1'-Biphenyl	10.23	154	199912	25.73	ng		97
46) 2-Chloronaphthalene	10.25	162	161755	26.55	ng		97
47) 2-Nitroaniline	10.38	65	41472	27.65	ng		97
48) Acenaphthylene	10.76	152	262536	27.22	ng		96
49) Dimethylphthalate	10.62	163	194696	27.01	ng		100
50) 2,6-Dinitrotoluene	10.69	165	39173	27.10	ng	#	31
51) Acenaphthene	10.97	154	153960	26.75	ng		98
52) 3-Nitroaniline	10.89	138	49222	29.53	ng		88
53) 2,4-Dinitrophenol	11.03	184	20144	45.79	ng	#	72
54) Dibenzofuran	11.19	168	241461	27.17	ng		95
55) 4-Nitrophenol	11.10	139	82081	61.23	ng	#	72
56) 2,4-Dinitrotoluene	11.19	165	61698	31.58	ng	#	82
57) Fluorene	11.61	166	221627	31.19	ng		96
58) 2,3,4,6-Tetrachlorophenol	11.34	232	42603	25.43	ng	#	66
59) Diethylphthalate	11.49	149	180450	25.39	ng		98
60) 4-Chlorophenyl-phenylether	11.62	204	80274	23.45	ng	#	81
61) 4-Nitroaniline	11.64	138	44324	27.75	ng		88
62) Azobenzene	11.82	77	182114	27.01	ng		92
64) 4,6-Dinitro-2-methylphenol	11.69	198	17161	24.08	ng	#	36
65) n-Nitrosodiphenylamine	11.77	169	230722	35.69	ng		89
66) 4-Bromophenyl-phenylether	12.23	248	50177	21.99	ng	#	84
67) Hexachlorobenzene	12.29	284	51783	21.15	ng	#	89
68) Atrazine	12.44	200	54077	25.73	ng		98
69) Pentachlorophenol	12.54	266	60363	46.90	ng		95
70) Phenanthrene	12.80	178	358064	31.71	ng		99
71) Anthracene	12.86	178	281756	25.14	ng		98
72) Carbazole	13.07	167	268151	25.17	ng		98
73) Di-n-butylphthalate	13.53	149	294703	23.55	ng		99
74) Fluoranthene	14.27	202	302278	24.51	ng		97
76) Benzidine	14.46	184	180719	24.77	ng		98
77) Pyrene	14.55	202	335862	25.43	ng		98
79) Butylbenzylphthalate	15.40	149	130824	24.08	ng	#	79
80) Benzo(a)anthracene	16.08	228	305267	24.12	ng		99
81) 3,3'-Dichlorobenzidine	16.06	252	88778	19.15	ng		97
82) Chrysene	16.13	228	290218	24.43	ng		99
83) Bis(2-ethylhexyl)phthalate	16.15	149	197734	22.69	ng	#	96
84) Di-n-octyl phthalate	17.01	149	338569	23.27	ng		99
85) Indeno(1,2,3-cd)pyrene	19.41	276	343577	25.36	ng		98
87) Benzo(b)fluoranthene	17.48	252	310052m	24.26	ng		
88) Benzo(k)fluoranthene	17.51	252	299981	23.95	ng	#	95
89) Benzo(a)pyrene	17.90	252	299086	24.57	ng		99
90) Dibenzo(a,h)anthracene	19.44	278	290631	25.03	ng		99
91) Benzo(g,h,i)perylene	19.82	276	293401	25.04	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077672.D
Acq On : 10 Mar 2015 20:32
Operator : TP/IZ
Sample : G1440-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 11 02:03:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Manual Integrations APPROVED
mohammad
3/12/2015 2:22:00 PM