Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082163.D
Acq On : 10 Oct 2015 00:18
Operator : UM/IZ
Sample : G3928-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:46:30 PM

Quant Time: Oct 10 05:21:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	91252	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	342289	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	153219	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	241978	20.00	ng		0.00
75) Chrysene-d12	14.02	240	196298	20.00	ng		-0.01
86) Perylene-d12	15.46	264	139151	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	490043	97.49	ng		0.01
7) Phenol-d6	6.49	99	609163	96.31	ng		0.00
23) Nitrobenzene-d5	7.42	82	330426	64.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	122310	78.82	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	720814	77.36	ng		0.00
78) Terphenyl-d14	12.97	244	536251	89.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	66228	30.30	ng		88
3) Pyridine	3.25	79	188436	33.11	ng		85
4) n-Nitrosodimethylamine	3.20	42	78664	30.43	ng		99
6) Aniline	6.51	93	192654	22.67	ng	#	67
8) 2-Chlorophenol	6.64	128	201442	36.29	ng		99
9) Benzaldehyde	6.40	77	35601	8.59	ng	#	89
10) Phenol	6.50	94	223484	31.50	ng	#	54
11) bis(2-Chloroethyl)ether	6.59	93	215780	39.21	ng		92
12) 1,3-Dichlorobenzene	6.79	146	225288	34.36	ng	#	94
13) 1,4-Dichlorobenzene	6.87	146	232794	34.00	ng	#	94
14) 1,2-Dichlorobenzene	7.02	146	204748m	33.56	ng		
15) Benzyl Alcohol	6.99	79	140562	30.78	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.13	45	278413	35.79	ng		82
17) 2-Methylphenol	7.12	107	151201	33.60	ng	#	82
18) Hexachloroethane	7.36	117	60332	28.15	ng	#	83
19) n-Nitroso-di-n-propylamine	7.27	70	129604	33.71	ng	#	78
20) 3+4-Methylphenols	7.27	107	190996	33.60	ng	#	60
22) Acetophenone	7.27	105	265434	37.93	ng	#	78
24) Nitrobenzene	7.44	77	199682	35.81	ng	#	69
25) Isophorone	7.68	82	374900	36.84	ng	#	92
26) 2-Nitrophenol	7.76	139	80468	30.07	ng	#	83
27) 2,4-Dimethylphenol	7.79	122	165007	35.05	ng	#	77
28) bis(2-Chloroethoxy)methane	7.90	93	229524	37.98	ng	#	95
29) 2,4-Dichlorophenol	8.00	162	174297	38.18	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	183199	35.94	ng		97
31) Naphthalene	8.16	128	564629	37.23	ng		97
32) Benzoic acid	7.86	122	3119m	8.28	ng		
33) 4-Chloroaniline	8.22	127	121736	18.56	ng	#	94
34) Hexachlorobutadiene	8.27	225	115975	38.47	ng		98
35) Caprolactam	8.58	113	45249	35.80	ng		91
36) 4-Chloro-3-methylphenol	8.70	107	157100	35.19	ng	#	75
37) 2-Methylnaphthalene	8.86	142	379434	36.65	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	173066	36.79	ng		98
40) Hexachlorocyclopentadiene	9.01	237	15751	6.50	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082163.D
Acq On : 10 Oct 2015 00:18
Operator : UM/IZ
Sample : G3928-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-22(46-48)MSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:46:30 PM

Quant Time: Oct 10 05:21:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	107189	33.24	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	113517	34.23	ng	#	93
45) 1,1'-Biphenyl	9.31	154	433088	36.64	ng		93
46) 2-Chloronaphthalene	9.35	162	342650	36.92	ng		98
47) 2-Nitroaniline	9.44	65	97657	35.84	ng	#	65
48) Acenaphthylene	9.76	152	532215	35.83	ng		97
49) Dimethylphthalate	9.62	163	563664	53.30	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	76946	33.51	ng		94
51) Acenaphthene	9.93	154	308544	34.98	ng		88
52) 3-Nitroaniline	9.86	138	81015	30.50	ng	#	91
54) Dibenzofuran	10.10	168	448658	35.99	ng	#	90
55) 4-Nitrophenol	10.02	139	88881	46.31	ng	#	52
56) 2,4-Dinitrotoluene	10.09	165	94251	32.20	ng	#	93
57) Fluorene	10.45	166	347744	38.70	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.22	232	84625	32.17	ng		92
59) Diethylphthalate	10.32	149	397688	40.26	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	158762	34.78	ng	#	83
61) 4-Nitroaniline	10.47	138	80637	30.27	ng	#	44
62) Azobenzene	10.59	77	333707	34.61	ng		89
64) 4,6-Dinitro-2-methylphenol	10.50	198	3088	4.55	ng		97
65) n-Nitrosodiphenylamine	10.56	169	307519	42.00	ng		92
66) 4-Bromophenyl-phenylether	10.93	248	93907	38.49	ng		96
67) Hexachlorobenzene	10.99	284	97664	35.47	ng	#	80
68) Atrazine	11.09	200	87402	38.48	ng		83
69) Pentachlorophenol	11.19	266	88207	56.22	ng		99
70) Phenanthrene	11.41	178	439399	37.45	ng		97
71) Anthracene	11.46	178	467106	37.98	ng		98
72) Carbazole	11.62	167	394680	35.46	ng		97
73) Di-n-butylphthalate	11.94	149	525944	46.43	ng	#	98
74) Fluoranthene	12.60	202	449506	34.68	ng		90
76) Benzidine	12.73	184	264447	44.71	ng		97
77) Pyrene	12.82	202	435025	37.10	ng		96
79) Butylbenzylphthalate	13.44	149	199973	45.32	ng		88
80) Benzo(a)anthracene	14.01	228	368219	34.83	ng		96
81) 3,3'-Dichlorobenzidine	13.98	252	133226	37.32	ng	#	94
82) Chrysene	14.05	228	355726	34.53	ng		94
83) Bis(2-ethylhexyl)phthalate	14.00	149	374821	67.71	ng	#	92
84) Di-n-octyl phthalate	14.62	149	477983	53.06	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.88	276	252921	30.59	ng	#	88
87) Benzo(b)fluoranthene	15.05	252	314818	39.63	ng	#	85
88) Benzo(k)fluoranthene	15.08	252	265911m	36.52	ng		
89) Benzo(a)pyrene	15.41	252	266955	38.74	ng	#	84
90) Dibenzo(a,h)anthracene	16.89	278	211546	36.59	ng	#	83
91) Benzo(g,h,i)perylene	17.30	276	205699	34.72	ng	#	76

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082163.D
Acq On : 10 Oct 2015 00:18
Operator : UM/IZ
Sample : G3928-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 10 05:21:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)MSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:46:30 PM