Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091908.D
Acq On : 23 Dec 2016 6:28
Operator : UM/SJ
Sample : H6156-25MS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Manual Integrations APPROVED
SOHIL
12/23/2016 5:53:30 PM

Quant Time: Dec 23 07:14:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	185569	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	759331	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	399590	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	578983	20.00	ng		0.00
75) Chrysene-d12	13.91	240	395326	20.00	ng		0.00
86) Perylene-d12	15.30	264	324380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1365763	122.89	ng		0.06
7) Phenol-d6	6.45	99	1748453	128.86	ng		0.05
23) Nitrobenzene-d5	7.32	82	1219415	89.30	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	399670	120.86	ng		0.01
44) 2-Fluorobiphenyl	9.12	172	1980444	104.51	ng		0.00
78) Terphenyl-d14	12.85	244	1532126	93.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	186134	34.02	ng		96
3) Pyridine	3.04	79	537316	28.14	ng		98
4) n-Nitrosodimethylamine	3.00	42	285408	39.62	ng		93
6) Aniline	6.42	93	636019	36.09	ng	#	45
8) 2-Chlorophenol	6.56	128	548712	43.40	ng		100
9) Benzaldehyde	6.29	77	100191	10.06	ng		98
10) Phenol	6.46	94	650029	42.04	ng	#	66
11) bis(2-Chloroethyl)ether	6.50	93	613415	49.86	ng		96
12) 1,3-Dichlorobenzene	6.69	146	575104m	42.61	ng		
13) 1,4-Dichlorobenzene	6.77	146	583955	42.51	ng		94
14) 1,2-Dichlorobenzene	6.92	146	482489	40.48	ng		97
15) Benzyl Alcohol	6.91	79	514520	48.80	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	758174	41.38	ng		87
17) 2-Methylphenol	7.06	107	447557	44.02	ng		93
18) Hexachloroethane	7.26	117	215038	42.23	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	431091	47.76	ng		99
20) 3+4-Methylphenols	7.21	107	622250	51.31	ng	#	73
22) Acetophenone	7.17	105	870086	46.46	ng	#	87
24) Nitrobenzene	7.34	77	699735	48.11	ng		90
25) Isophorone	7.58	82	1159132	46.01	ng		96
26) 2-Nitrophenol	7.65	139	248814	34.69	ng		92
27) 2,4-Dimethylphenol	7.72	122	456734	38.39	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	766667	50.18	ng		100
29) 2,4-Dichlorophenol	7.93	162	463303	45.99	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	492568	44.62	ng		96
31) Naphthalene	8.06	128	4710347	135.54	ng		98
32) Benzoic acid	7.85	122	73489	8.33	ng		89
33) 4-Chloroaniline	8.12	127	566839	36.17	ng		98
34) Hexachlorobutadiene	8.18	225	280875	48.20	ng		99
35) Caprolactam	8.49	113	111220	33.60	ng	#	56
36) 4-Chloro-3-methylphenol	8.62	107	482453	41.62	ng		95
37) 2-Methylnaphthalene	8.75	142	1178807	69.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	489379	48.47	ng		99
40) Hexachlorocyclopentadiene	8.90	237	179870	41.99	ng		95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091908.D
Acq On : 23 Dec 2016 6:28
Operator : UM/SJ
Sample : H6156-25MS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Manual Integrations APPROVED
SOHIL
12/23/2016 5:53:30 PM

Quant Time: Dec 23 07:14:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	293908	41.63	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	274364	37.76	ng		99
45) 1,1'-Biphenyl	9.22	154	1441381	52.68	ng		99
46) 2-Chloronaphthalene	9.24	162	1012083	46.71	ng		97
47) 2-Nitroaniline	9.34	65	293324	38.02	ng		99
48) Acenaphthylene	9.65	152	1538801	46.18	ng		99
49) Dimethylphthalate	9.53	163	1282567	50.18	ng		100
50) 2,6-Dinitrotoluene	9.58	165	239686	42.85	ng	#	72
51) Acenaphthene	9.82	154	1002673	44.38	ng		99
52) 3-Nitroaniline	9.76	138	241903	34.94	ng		95
53) 2,4-Dinitrophenol	9.86	184	27192	8.74	ng	#	47
54) Dibenzofuran	10.00	168	1366123	44.78	ng		98
55) 4-Nitrophenol	9.96	139	246794m	52.51	ng		
56) 2,4-Dinitrotoluene	9.98	165	281692	40.12	ng	#	83
57) Fluorene	10.34	166	1080605	48.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	210147	36.57	ng		100
59) Diethylphthalate	10.21	149	1215537	48.97	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	446668	45.96	ng		97
61) 4-Nitroaniline	10.37	138	246403	34.35	ng		98
62) Azobenzene	10.49	77	1226794	44.89	ng		99
64) 4,6-Dinitro-2-methylphenol	10.40	198	44096	12.59	ng		72
65) n-Nitrosodiphenylamine	10.45	169	901793	52.49	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	306499	50.89	ng		99
67) Hexachlorobenzene	10.89	284	330214	51.29	ng		95
68) Atrazine	10.99	200	327733	59.14	ng		96
69) Pentachlorophenol	11.09	266	190099	60.18	ng		100
70) Phenanthrene	11.30	178	1515883	48.28	ng		98
71) Anthracene	11.35	178	1337247	49.89	ng		99
72) Carbazole	11.51	167	1206611	48.19	ng		98
73) Di-n-butylphthalate	11.84	149	1706959	58.62	ng		99
74) Fluoranthene	12.48	202	1228368	44.56	ng		98
76) Benzidine	12.61	184	429089	41.98	ng		96
77) Pyrene	12.71	202	1225512	42.25	ng		100
79) Butylbenzylphthalate	13.33	149	687510	52.12	ng		88
80) Benzo(a)anthracene	13.89	228	965435	43.26	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	281605	33.28	ng		96
82) Chrysene	13.93	228	842402	37.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	920907	59.28	ng	#	99
84) Di-n-octyl phthalate	14.50	149	1451906	50.45	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	766718	39.54	ng		97
87) Benzo(b)fluoranthene	14.91	252	942980m	46.69	ng		
88) Benzo(k)fluoranthene	14.93	252	833665m	48.41	ng		
89) Benzo(a)pyrene	15.24	252	833142	46.48	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	645249	43.80	ng		95
91) Benzo(g,h,i)perylene	17.05	276	626379	40.89	ng		99

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091908.D
Acq On : 23 Dec 2016 6:28
Operator : UM/SJ
Sample : H6156-25MS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Dec 23 07:14:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Manual Integrations APPROVED
SOHIL
12/23/2016 5:53:30 PM