Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082554.D
Acq On : 27 Oct 2015 18:48
Operator : UM/IZ
Sample : G4157-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1MSD

Quant Time: Oct 28 01:24:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	76858	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	303287	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	145178	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	281695	20.00	ng		-0.02
75) Chrysene-d12	13.89	240	207970	20.00	ng		-0.02
86) Perylene-d12	15.29	264	150362	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	433055	111.23	ng		0.00
7) Phenol-d6	6.38	99	591224	116.51	ng		0.00
23) Nitrobenzene-d5	7.29	82	356208	75.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	130066	119.64	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	733531	80.34	ng		-0.02
78) Terphenyl-d14	12.82	244	733198	101.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	52561	26.90	ng		94
3) Pyridine	2.94	79	133225	29.25	ng		98
4) n-Nitrosodimethylamine	2.90	42	62419	31.16	ng		94
6) Aniline	6.38	93	136157	21.29	ng		90
8) 2-Chlorophenol	6.50	128	163340	35.77	ng		96
9) Benzaldehyde	6.26	77	56664	19.97	ng		96
10) Phenol	6.39	94	202121	35.09	ng		80
11) bis(2-Chloroethyl)ether	6.46	93	158482	34.67	ng		89
12) 1,3-Dichlorobenzene	6.65	146	180681m	33.17	ng		
13) 1,4-Dichlorobenzene	6.73	146	182512	32.57	ng		95
14) 1,2-Dichlorobenzene	6.88	146	180137	34.63	ng		95
15) Benzyl Alcohol	6.87	79	136679	38.70	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	223785	36.15	ng	#	46
17) 2-Methylphenol	6.99	107	127253	34.75	ng		93
18) Hexachloroethane	7.21	117	64450	33.78	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	111667	33.78	ng		93
20) 3+4-Methylphenols	7.15	107	164211	35.10	ng		95
22) Acetophenone	7.13	105	229278	34.84	ng	#	95
24) Nitrobenzene	7.30	77	168264	32.05	ng		92
25) Isophorone	7.54	82	315606	33.79	ng		97
26) 2-Nitrophenol	7.62	139	91805	36.20	ng	#	81
27) 2,4-Dimethylphenol	7.67	122	137139	33.28	ng		90
28) bis(2-Chloroethoxy)methane	7.76	93	203009	37.07	ng		99
29) 2,4-Dichlorophenol	7.87	162	157456	38.30	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	161498	34.74	ng		98
31) Naphthalene	8.02	128	488645	35.26	ng		99
33) 4-Chloroaniline	8.09	127	102297	19.04	ng		99
34) Hexachlorobutadiene	8.14	225	91597	34.07	ng		99
35) Caprolactam	8.46	113	36604	32.03	ng	#	83
36) 4-Chloro-3-methylphenol	8.58	107	159009	39.78	ng		99
37) 2-Methylnaphthalene	8.71	142	321855	34.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	171935	39.23	ng		99
40) Hexachlorocyclopentadiene	8.86	237	45950	47.56	ng		99
42) 2,4,6-Trichlorophenol	9.01	196	96909	35.48	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082554.D
Acq On : 27 Oct 2015 18:48
Operator : UM/IZ
Sample : G4157-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1MSD

Quant Time: Oct 28 01:24:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	105446	36.81	ng		99
45) 1,1'-Biphenyl	9.18	154	426985	39.52	ng		98
46) 2-Chloronaphthalene	9.20	162	314955	36.98	ng		96
47) 2-Nitroaniline	9.31	65	97184	39.29	ng	#	84
48) Acenaphthylene	9.61	152	502305	36.83	ng		99
49) Dimethylphthalate	9.49	163	489221	48.43	ng		99
50) 2,6-Dinitrotoluene	9.55	165	84870	38.32	ng	#	65
51) Acenaphthene	9.78	154	294347	37.63	ng		99
52) 3-Nitroaniline	9.73	138	71076	29.57	ng		86
53) 2,4-Dinitrophenol	9.87	184	4631	10.73	ng	#	76
54) Dibenzofuran	9.95	168	451401	39.55	ng		98
55) 4-Nitrophenol	9.92	139	59596m	59.61	ng		
56) 2,4-Dinitrotoluene	9.97	165	109194	40.65	ng	#	64
57) Fluorene	10.30	166	352091	37.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	79858	36.42	ng		94
59) Diethylphthalate	10.18	149	395578	40.24	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	182068	41.32	ng	#	91
61) 4-Nitroaniline	10.34	138	79302	32.95	ng		95
62) Azobenzene	10.46	77	387098	40.76	ng		89
64) 4,6-Dinitro-2-methylphenol	10.38	198	39840	24.11	ng	#	72
65) n-Nitrosodiphenylamine	10.42	169	323088	37.91	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	98653	37.32	ng	#	73
67) Hexachlorobenzene	10.85	284	106956	37.94	ng	#	87
68) Atrazine	10.95	200	97917	37.11	ng		99
69) Pentachlorophenol	11.05	266	48613	45.72	ng		97
70) Phenanthrene	11.26	178	547773	37.78	ng		99
71) Anthracene	11.31	178	573190	39.26	ng		100
72) Carbazole	11.48	167	484054	37.60	ng		98
73) Di-n-butylphthalate	11.81	149	622964	40.57	ng	#	97
74) Fluoranthene	12.45	202	569467	38.27	ng		98
76) Benzidine	12.58	184	147364	25.82	ng		97
77) Pyrene	12.68	202	556266	43.49	ng		100
79) Butylbenzylphthalate	13.29	149	235292	43.75	ng		97
80) Benzo(a)anthracene	13.88	228	429595	38.53	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	99863	25.83	ng	#	95
82) Chrysene	13.91	228	403562	38.32	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	313441	43.52	ng	#	97
84) Di-n-octyl phthalate	14.47	149	423083	35.59	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	320294	33.10	ng		99
87) Benzo(b)fluoranthene	14.90	252	346976m	38.86	ng		
88) Benzo(k)fluoranthene	14.93	252	293731m	40.35	ng		
89) Benzo(a)pyrene	15.24	252	302113	39.05	ng	#	98
90) Dibenzo(a,h)anthracene	16.65	278	267086	41.27	ng		99
91) Benzo(g,h,i)perylene	17.05	276	277915	43.40	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082554.D
Acq On : 27 Oct 2015 18:48
Operator : UM/IZ
Sample : G4157-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Quant Time: Oct 28 01:24:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration