Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089771.D
Acq On : 17 Aug 2016 19:00
Operator : UM/SJ
Sample : H4429-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

Manual Integrations APPROVED
sohil
8/18/2016 5:59:22 PM

Quant Time: Aug 18 15:36:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	698706	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2816677	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1302346	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2441724	20.00	ng		0.00
75) Chrysene-d12	13.85	240	1810346	20.00	ng		-0.05
86) Perylene-d12	15.28	264	1959587	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	4337482	103.58	ng		0.01
7) Phenol-d6	6.34	99	5852964	109.88	ng		0.01
23) Nitrobenzene-d5	7.27	82	3337547	72.35	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	1379653	109.50	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	5651593	69.63	ng		0.00
78) Terphenyl-d14	12.81	244	4740594	78.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	691070	31.97	ng		98
3) Pyridine	2.90	79	1944376	34.90	ng		97
4) n-Nitrosodimethylamine	2.87	42	854825	38.23	ng	#	85
6) Aniline	6.36	93	1189024	16.61	ng	#	78
8) 2-Chlorophenol	6.49	128	1961247	39.37	ng	#	77
9) Benzaldehyde	6.24	77	701434	19.87	ng		85
10) Phenol	6.35	94	2009899	30.32	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	1932999	39.35	ng		99
12) 1,3-Dichlorobenzene	6.64	146	1945528	36.54	ng		96
13) 1,4-Dichlorobenzene	6.72	146	2092918	38.80	ng		96
14) 1,2-Dichlorobenzene	6.87	146	1811111m	35.22	ng		
15) Benzyl Alcohol	6.84	79	1520161	42.71	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2294833	35.61	ng		93
17) 2-Methylphenol	6.97	107	1725399	43.60	ng		96
18) Hexachloroethane	7.21	117	782590	39.59	ng	#	85
19) n-Nitroso-di-n-propylamine	7.13	70	1273768	36.51	ng		94
20) 3+4-Methylphenols	7.12	107	1983465	39.14	ng	#	86
22) Acetophenone	7.12	105	2354782	35.97	ng	#	92
24) Nitrobenzene	7.29	77	2240991	43.19	ng		90
25) Isophorone	7.53	82	3725556	40.37	ng		96
26) 2-Nitrophenol	7.61	139	1045728	42.83	ng		93
27) 2,4-Dimethylphenol	7.66	122	1990109	43.00	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	2244167	40.01	ng		97
29) 2,4-Dichlorophenol	7.85	162	1707194	44.31	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	1604935	38.80	ng		99
31) Naphthalene	8.01	128	5136309	40.63	ng		95
33) 4-Chloroaniline	8.06	127	526550	9.00	ng	#	89
34) Hexachlorobutadiene	8.14	225	849276	39.09	ng		99
35) Caprolactam	8.43	113	520013m	43.79	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1785186	42.56	ng		92
37) 2-Methylnaphthalene	8.71	142	3638046	42.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1136443	27.14	ng		99
40) Hexachlorocyclopentadiene	8.87	237	1459579	78.22	ng		96
42) 2,4,6-Trichlorophenol	8.98	196	1178022	43.56	ng		100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089771.D
Acq On : 17 Aug 2016 19:00
Operator : UM/SJ
Sample : H4429-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

Manual Integrations APPROVED
sohil
8/18/2016 5:59:22 PM

Quant Time: Aug 18 15:36:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	1058024	41.03	ng	#	92
45) 1,1'-Biphenyl	9.16	154	3434786	31.84	ng		99
46) 2-Chloronaphthalene	9.19	162	3044862	37.67	ng		98
47) 2-Nitroaniline	9.29	65	1126480	45.74	ng	#	63
48) Acenaphthylene	9.60	152	4801114	38.59	ng		97
49) Dimethylphthalate	9.48	163	5703542	60.52	ng	#	97
50) 2,6-Dinitrotoluene	9.53	165	879496	41.24	ng	#	83
51) Acenaphthene	9.77	154	3002099	35.76	ng		99
52) 3-Nitroaniline	9.69	138	400882	16.17	ng		100
53) 2,4-Dinitrophenol	9.79	184	138830	16.03	ng		94
54) Dibenzofuran	9.94	168	4390677	42.49	ng		99
55) 4-Nitrophenol	9.86	139	1425890	74.74	ng		90
56) 2,4-Dinitrotoluene	9.93	165	1056976	38.55	ng	#	64
57) Fluorene	10.28	166	2985678	35.77	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	919014	45.63	ng		97
59) Diethylphthalate	10.18	149	3955823	41.40	ng		95
60) 4-Chlorophenyl-phenylether	10.28	204	1343830	32.79	ng		95
61) 4-Nitroaniline	10.31	138	874882	36.34	ng		96
62) Azobenzene	10.44	77	4114890	45.58	ng		97
64) 4,6-Dinitro-2-methylphenol	10.33	198	368776	26.01	ng	#	73
65) n-Nitrosodiphenylamine	10.41	169	3313338	43.24	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	1031709	40.80	ng	#	93
67) Hexachlorobenzene	10.83	284	1126086	40.06	ng	#	88
68) Atrazine	10.94	200	900489	38.79	ng		97
69) Pentachlorophenol	11.03	266	1214384	69.35	ng		98
70) Phenanthrene	11.24	178	5134410	42.78	ng		93
71) Anthracene	11.29	178	4408352	35.15	ng		96
72) Carbazole	11.45	167	4944087	41.61	ng		96
73) Di-n-butylphthalate	11.79	149	5352384	37.04	ng		97
74) Fluoranthene	12.42	202	4529798	37.56	ng		91
76) Benzidine	12.55	184	1836714	28.27	ng		99
77) Pyrene	12.65	202	4874794	41.15	ng		92
79) Butylbenzylphthalate	13.29	149	2726111	45.87	ng		96
80) Benzo(a)anthracene	13.84	228	4506617	42.85	ng		97
81) 3,3'-Dichlorobenzidine	13.82	252	1028567	26.84	ng	#	94
82) Chrysene	13.89	228	4015600	42.42	ng		95
83) Bis(2-ethylhexyl)phthalate	13.86	149	3468336	44.10	ng	#	98
84) Di-n-octyl phthalate	14.50	149	5407247	44.23	ng		97
85) Indeno(1,2,3-cd)pyrene	16.57	276	4176040	51.78	ng		100
87) Benzo(b)fluoranthene	14.90	252	5289533m	42.60	ng		
88) Benzo(k)fluoranthene	14.93	252	2926862m	28.64	ng		
89) Benzo(a)pyrene	15.22	252	3954413	38.58	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	3447413	42.71	ng		96
91) Benzo(g,h,i)perylene	16.96	276	3379702	41.14	ng		98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089771.D
Acq On : 17 Aug 2016 19:00
Operator : UM/SJ
Sample : H4429-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Aug 18 15:36:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

Manual Integrations APPROVED
sohil
8/18/2016 5:59:22 PM