Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089770.D
Acq On : 17 Aug 2016 18:33
Operator : UM/SJ
Sample : H4429-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
8/18/2016 5:59:19 PM

Quant Time: Aug 18 15:34:20 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	733731	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	3002639	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1386903	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2589988	20.00	ng		0.00
75) Chrysene-d12	13.86	240	2014653	20.00	ng		-0.03
86) Perylene-d12	15.29	264	2106092	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	4405555	100.18	ng		0.01
7) Phenol-d6	6.34	99	5861299	104.79	ng		0.01
23) Nitrobenzene-d5	7.27	82	3374853	68.63	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	1376785	102.61	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	5876407	67.99	ng		0.00
78) Terphenyl-d14	12.81	244	4817110	71.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	643562	28.35	ng		98
3) Pyridine	2.90	79	1770194	30.26	ng		96
4) n-Nitrosodimethylamine	2.87	42	806107	34.33	ng		84
6) Aniline	6.36	93	1273396	16.94	ng	#	87
8) 2-Chlorophenol	6.49	128	1816541	34.73	ng	#	76
9) Benzaldehyde	6.24	77	662003	17.86	ng		86
10) Phenol	6.35	94	1874675	26.93	ng		99
11) bis(2-Chloroethyl)ether	6.44	93	1861318	36.08	ng		98
12) 1,3-Dichlorobenzene	6.64	146	1892868	33.86	ng		96
13) 1,4-Dichlorobenzene	6.72	146	1995108	35.22	ng		96
14) 1,2-Dichlorobenzene	6.87	146	1690037m	31.29	ng		
15) Benzyl Alcohol	6.84	79	1411065	37.75	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2184296	32.27	ng		93
17) 2-Methylphenol	6.97	107	1645219	39.59	ng		96
18) Hexachloroethane	7.21	117	733342	35.32	ng	#	86
19) n-Nitroso-di-n-propylamine	7.13	70	1234645	33.70	ng		93
20) 3+4-Methylphenols	7.12	107	1785708	33.55	ng	#	83
22) Acetophenone	7.12	105	2253551	32.29	ng	#	92
24) Nitrobenzene	7.29	77	2120765	38.34	ng		90
25) Isophorone	7.53	82	3501725	35.59	ng		97
26) 2-Nitrophenol	7.60	139	948746	36.45	ng	#	74
27) 2,4-Dimethylphenol	7.66	122	1874199	37.99	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	2112705	35.34	ng		97
29) 2,4-Dichlorophenol	7.85	162	1602424	39.01	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	1514462	34.35	ng		97
31) Naphthalene	8.01	128	4947654	36.71	ng		96
33) 4-Chloroaniline	8.06	127	618428	9.92	ng	#	89
34) Hexachlorobutadiene	8.14	225	817922	35.31	ng		98
35) Caprolactam	8.43	113	458961m	36.26	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1593881	35.65	ng		92
37) 2-Methylnaphthalene	8.70	142	3434864	37.44	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1140227	25.57	ng		99
40) Hexachlorocyclopentadiene	8.86	237	1347928	67.84	ng		99
42) 2,4,6-Trichlorophenol	8.98	196	1154729	40.09	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089770.D
Acq On : 17 Aug 2016 18:33
Operator : UM/SJ
Sample : H4429-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
8/18/2016 5:59:19 PM

Quant Time: Aug 18 15:34:20 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	9.02	196	914784	33.31	ng	#	88
45) 1,1'-Biphenyl	9.16	154	3240235	28.21	ng		99
46) 2-Chloronaphthalene	9.19	162	2988316	34.72	ng		97
47) 2-Nitroaniline	9.28	65	994504	37.92	ng		97
48) Acenaphthylene	9.60	152	4455483	33.63	ng		97
49) Dimethylphthalate	9.48	163	5472445	54.53	ng	#	98
50) 2,6-Dinitrotoluene	9.53	165	839308	36.95	ng		88
51) Acenaphthene	9.77	154	2803963	31.36	ng		99
52) 3-Nitroaniline	9.69	138	471210	17.84	ng		98
53) 2,4-Dinitrophenol	9.79	184	161458	17.35	ng		96
54) Dibenzofuran	9.94	168	4003098	36.38	ng		99
55) 4-Nitrophenol	9.86	139	1351932	66.55	ng		90
56) 2,4-Dinitrotoluene	9.93	165	1084214	37.14	ng	#	71
57) Fluorene	10.28	166	2809446	31.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	815992	38.04	ng		98
59) Diethylphthalate	10.18	149	3794838	37.30	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1351062	30.96	ng		99
61) 4-Nitroaniline	10.31	138	862763	33.65	ng		96
62) Azobenzene	10.44	77	3933714	40.91	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	314993	20.95	ng		80
65) n-Nitrosodiphenylamine	10.40	169	3032464	37.31	ng		100
66) 4-Bromophenyl-phenylether	10.78	248	945837	35.26	ng		97
67) Hexachlorobenzene	10.83	284	1098181	36.83	ng	#	95
68) Atrazine	10.94	200	876785	35.61	ng		95
69) Pentachlorophenol	11.03	266	1105868	59.53	ng		99
70) Phenanthrene	11.24	178	4983484	39.15	ng		95
71) Anthracene	11.29	178	4227317	31.78	ng		96
72) Carbazole	11.45	167	4856867	38.54	ng		96
73) Di-n-butylphthalate	11.79	149	4907234	32.01	ng		97
74) Fluoranthene	12.42	202	4343053	33.95	ng		92
76) Benzidine	12.55	184	1887746	26.11	ng		99
77) Pyrene	12.65	202	4805392	36.45	ng		94
79) Butylbenzylphthalate	13.29	149	2575060	38.93	ng		99
80) Benzo(a)anthracene	13.85	228	4197691	35.86	ng		97
81) 3,3'-Dichlorobenzidine	13.82	252	980675	22.99	ng	#	97
82) Chrysene	13.89	228	3457007	32.82	ng		95
83) Bis(2-ethylhexyl)phthalate	13.87	149	3398257	38.82	ng	#	95
84) Di-n-octyl phthalate	14.51	149	5170864	38.01	ng		97
85) Indeno(1,2,3-cd)pyrene	16.59	276	3975943	44.30	ng		100
87) Benzo(b)fluoranthene	14.91	252	3976609m	29.80	ng		
88) Benzo(k)fluoranthene	14.95	252	3907436m	35.58	ng		
89) Benzo(a)pyrene	15.25	252	3942210	35.78	ng	#	95
90) Dibenzo(a,h)anthracene	16.62	278	3299151	38.03	ng		97
91) Benzo(g,h,i)perylene	16.98	276	3220685	36.48	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089770.D
Acq On : 17 Aug 2016 18:33
Operator : UM/SJ
Sample : H4429-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 18 15:34:20 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-9-11MS

Manual Integrations APPROVED
sohil
8/18/2016 5:59:19 PM