Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098539.D
Acq On : 14 Sep 2017 20:27
Operator : SJ/JU
Sample : I5161-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Manual Integrations APPROVED

Sohil

Quant Time: Sep 15 05:50:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

9/15/2017 5:43:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	139632	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	581073	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	258378	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	414300	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	269567	20.00	ng		-0.01
86) Perylene-d12	15.20	264	304067	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	779629	82.55	ng		-0.01
7) Phenol-d6	6.31	99	972316	81.09	ng		-0.01
23) Nitrobenzene-d5	7.22	82	566512	54.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	159821	92.68	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	895006	58.71	ng		-0.02
78) Terphenyl-d14	12.74	244	582795	46.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	92074	18.889	ng		90
3) Pyridine	2.97	79	217461	16.799	ng	#	84
4) n-Nitrosodimethylamine	2.92	42	136503	21.509	ng		96
6) Aniline	6.33	93	75269	5.004	ng	#	1
8) 2-Chlorophenol	6.45	128	285826	27.523	ng		99
9) Benzaldehyde	6.20	77	168561	21.504	ng		98
10) Phenol	6.32	94	401944	28.860	ng		97
11) bis(2-Chloroethyl)ether	6.39	93	414347	39.459	ng		97
12) 1,3-Dichlorobenzene	6.59	146	267897	25.630	ng		98
13) 1,4-Dichlorobenzene	6.66	146	270961m	25.308	ng		
14) 1,2-Dichlorobenzene	6.82	146	258573	26.508	ng		99
15) Benzyl Alcohol	6.80	79	240620	30.152	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	407506	23.586	ng	#	25
17) 2-Methylphenol	6.93	107	227038	26.811	ng	#	88
18) Hexachloroethane	7.16	117	93345	22.766	ng		91
19) n-Nitroso-di-n-propylamine	7.07	70	206192	27.338	ng		96
20) 3+4-Methylphenols	7.09	107	365875	34.237	ng	#	63
22) Acetophenone	7.06	105	407258	27.118	ng	#	91
24) Nitrobenzene	7.24	77	292852	24.667	ng		95
25) Isophorone	7.47	82	531888	25.222	ng		99
26) 2-Nitrophenol	7.56	139	145977	30.453	ng		92
27) 2,4-Dimethylphenol	7.60	122	223998	24.513	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	339350	26.372	ng		99
29) 2,4-Dichlorophenol	7.81	162	228550	30.073	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	232489	28.122	ng		99
31) Naphthalene	7.96	128	839219	29.215	ng		99
32) Benzoic acid	7.73	122	92808	20.596	ng		99
33) 4-Chloroaniline	8.03	127	207061	17.736	ng		98
34) Hexachlorobutadiene	8.07	225	115509	27.217	ng		96
35) Caprolactam	8.38	113	73284	27.963	ng	#	65
36) 4-Chloro-3-methylphenol	8.51	107	252563	26.797	ng		85
37) 2-Methylnaphthalene	8.65	142	514882	29.591	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	212431	26.394	ng		99
40) Hexachlorocyclopentadiene	8.79	237	18420	16.686	ng		96

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098539.D
Acq On : 14 Sep 2017 20:27
Operator : SJ/JU
Sample : I5161-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Manual Integrations APPROVED

Sohil

Quant Time: Sep 15 05:50:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

9/15/2017 5:43:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	149256	31.573	ng		93
43) 2,4,5-Trichlorophenol	8.98	196	153018	30.968	ng		95
45) 1,1'-Biphenyl	9.11	154	603442	26.093	ng		99
46) 2-Chloronaphthalene	9.13	162	460558	27.885	ng		94
47) 2-Nitroaniline	9.24	65	163494	25.791	ng		96
48) Acenaphthylene	9.55	152	676214	27.536	ng		99
49) Dimethylphthalate	9.42	163	708430	35.420	ng		99
50) 2,6-Dinitrotoluene	9.48	165	120928	29.435	ng	#	78
51) Acenaphthene	9.72	154	445985	28.570	ng		96
52) 3-Nitroaniline	9.65	138	106035	21.381	ng		92
53) 2,4-Dinitrophenol	9.77	184	17706	16.671	ng	#	77
54) Dibenzofuran	9.89	168	603689	29.355	ng		98
55) 4-Nitrophenol	9.83	139	144821	50.827	ng	#	50
56) 2,4-Dinitrotoluene	9.89	165	144769	28.985	ng	#	53
57) Fluorene	10.23	166	494126	29.029	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	106730	32.140	ng		94
59) Diethylphthalate	10.11	149	527540	27.734	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	217250	27.633	ng		91
61) 4-Nitroaniline	10.26	138	104499	20.865	ng		89
62) Azobenzene	10.38	77	491116	23.956	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	24396	13.572	ng		86
65) n-Nitrosodiphenylamine	10.35	169	416136	30.934	ng		98
66) 4-Bromophenyl-phenylether	10.71	248	124969	31.782	ng		99
67) Hexachlorobenzene	10.78	284	117476	29.454	ng	#	90
68) Atrazine	10.87	200	129484	31.265	ng		99
69) Pentachlorophenol	10.98	266	86160	51.507	ng		96
70) Phenanthrene	11.19	178	1131105	51.500	ng		99
71) Anthracene	11.24	178	715047	31.710	ng		99
72) Carbazole	11.40	167	569962	27.121	ng		98
73) Di-n-butylphthalate	11.73	149	692553	27.504	ng		99
74) Fluoranthene	12.38	202	1220435	55.507	ng		98
77) Pyrene	12.60	202	1119106	52.626	ng		99
79) Butylbenzylphthalate	13.22	149	235280	25.504	ng	#	80
80) Benzo(a)anthracene	13.79	228	741336	46.907	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	101484	16.523	ng	#	93
82) Chrysene	13.83	228	686348	42.963	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	356993	30.833	ng	#	98
84) Di-n-octyl phthalate	14.39	149	601696	30.290	ng		99
85) Indeno(1,2,3-cd)pyrene	16.54	276	574670	51.272	ng		94
87) Benzo(b)fluoranthene	14.81	252	824152	43.107	ng		97
88) Benzo(k)fluoranthene	14.83	252	586923m	32.883	ng		
89) Benzo(a)pyrene	15.14	252	720005	42.271	ng		99
90) Dibenzo(a,h)anthracene	16.55	278	392598	31.686	ng		98
91) Benzo(g,h,i)perylene	16.95	276	461777	37.054	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098539.D
Acq On : 14 Sep 2017 20:27
Operator : SJ/JU
Sample : I5161-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 15 05:50:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MSD

Manual Integrations APPROVED

Sohil