Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097246.D
Acq On : 1 Aug 2017 22:00
Operator : SJ/JU
Sample : I4512-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MSD

Manual Integrations APPROVED
Sohil
8/2/2017 7:15:26 PM

Quant Time: Aug 02 05:51:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	100912	20.00	ng		-0.04
21) Naphthalene-d8	7.75	136	423631	20.00	ng		-0.04
38) Acenaphthene-d10	9.49	164	158996	20.00	ng		-0.04
63) Phenanthrene-d10	10.97	188	220576	20.00	ng		-0.04
75) Chrysene-d12	13.59	240	179288	20.00	ng		-0.04
86) Perylene-d12	14.93	264	167245	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	799280	119.40	ng		-0.02
7) Phenol-d6	6.15	99	880684	115.24	ng		-0.02
23) Nitrobenzene-d5	7.04	82	560982	77.68	ng		-0.04
41) 2,4,6-Tribromophenol	10.29	330	122091	97.19	ng		-0.04
44) 2-Fluorobiphenyl	8.83	172	791516	84.49	ng		-0.04
78) Terphenyl-d14	12.55	244	509104	57.90	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	112940	40.430	ng	#	77
3) Pyridine	2.63	79	304700	35.621	ng	#	63
4) n-Nitrosodimethylamine	2.59	42	184633	38.961	ng		80
6) Aniline	6.13	93	290227	30.180	ng		97
8) 2-Chlorophenol	6.26	128	264168	36.906	ng		93
9) Benzaldehyde	6.01	77	193823	42.849	ng		97
10) Phenol	6.16	94	411470	45.393	ng		93
11) bis(2-Chloroethyl)ether	6.21	93	261956	36.539	ng		89
12) 1,3-Dichlorobenzene	6.40	146	278987	36.168	ng		98
13) 1,4-Dichlorobenzene	6.48	146	304495	39.832	ng		93
14) 1,2-Dichlorobenzene	6.63	146	259612	38.895	ng		98
15) Benzyl Alcohol	6.63	79	213548	44.136	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	598317	41.609	ng		57
17) 2-Methylphenol	6.76	107	223665	40.487	ng	#	88
18) Hexachloroethane	6.97	117	110528	39.521	ng	#	81
19) n-Nitroso-di-n-propylamine	6.90	70	204983	40.750	ng	#	82
20) 3+4-Methylphenols	6.92	107	293536	40.683	ng	#	63
22) Acetophenone	6.89	105	398776	39.198	ng		96
24) Nitrobenzene	7.06	77	298684	39.714	ng		93
25) Isophorone	7.30	82	508708	35.971	ng		97
26) 2-Nitrophenol	7.37	139	146111	35.909	ng	#	87
27) 2,4-Dimethylphenol	7.43	122	255994	38.139	ng		97
28) bis(2-Chloroethoxy)methane	7.52	93	356693	38.650	ng		98
29) 2,4-Dichlorophenol	7.63	162	213956	37.002	ng		96
30) 1,2,4-Trichlorobenzene	7.70	180	201204	36.506	ng		98
31) Naphthalene	7.77	128	752232	37.669	ng		100
32) Benzoic acid	7.55	122	14247	2.843	ng		92
33) 4-Chloroaniline	7.83	127	151201	18.608	ng		96
34) Hexachlorobutadiene	7.89	225	107171	36.678	ng		98
35) Caprolactam	8.19	113	69808m	37.650	ng		
36) 4-Chloro-3-methylphenol	8.34	107	227905	36.128	ng		85
37) 2-Methylnaphthalene	8.46	142	513159	40.586	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	177476	41.834	ng		98
40) Hexachlorocyclopentadiene	8.62	237	15446	16.145	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097246.D
Acq On : 1 Aug 2017 22:00
Operator : SJ/JU
Sample : I4512-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MSD

Manual Integrations APPROVED
Sohil
8/2/2017 7:15:26 PM

Quant Time: Aug 02 05:51:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	119136	38.751	ng		98
43) 2,4,5-Trichlorophenol	8.80	196	120837	39.269	ng		96
45) 1,1'-Biphenyl	8.93	154	502221	36.981	ng		97
46) 2-Chloronaphthalene	8.95	162	396617	39.687	ng	#	92
47) 2-Nitroaniline	9.05	65	153913	42.437	ng		95
48) Acenaphthylene	9.36	152	537743	35.056	ng		98
49) Dimethylphthalate	9.23	163	583559	48.332	ng		100
50) 2,6-Dinitrotoluene	9.30	165	88371	34.509	ng	#	83
51) Acenaphthene	9.53	154	343443	38.010	ng		100
52) 3-Nitroaniline	9.46	138	93880	29.535	ng		93
54) Dibenzofuran	9.70	168	498190	41.395	ng		98
55) 4-Nitrophenol	9.66	139	102615	54.287	ng	#	66
56) 2,4-Dinitrotoluene	9.70	165	108063	36.708	ng	#	65
57) Fluorene	10.04	166	341488	37.752	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.83	232	74730	35.172	ng	#	97
59) Diethylphthalate	9.93	149	441663	39.872	ng		99
60) 4-Chlorophenyl-phenylether	10.04	204	146684	39.270	ng		92
61) 4-Nitroaniline	10.07	138	90994	30.128	ng		92
62) Azobenzene	10.20	77	414667	40.353	ng		93
64) 4,6-Dinitro-2-methylphenol	10.12	198	8403	6.131	ng		87
65) n-Nitrosodiphenylamine	10.16	169	317163	41.326	ng		98
66) 4-Bromophenyl-phenylether	10.52	248	84952	38.592	ng		98
67) Hexachlorobenzene	10.59	284	86999	35.244	ng	#	93
68) Atrazine	10.69	200	89653	40.738	ng		94
69) Pentachlorophenol	10.79	266	60812	59.540	ng		98
70) Phenanthrene	10.99	178	461207	39.024	ng		99
71) Anthracene	11.05	178	479847	39.641	ng		99
72) Carbazole	11.20	167	489367	41.107	ng		99
73) Di-n-butylphthalate	11.55	149	573064	38.943	ng		98
74) Fluoranthene	12.17	202	452235	39.060	ng		98
76) Benzidine	12.30	184	332886	50.040	ng	#	92
77) Pyrene	12.40	202	489559	33.354	ng		99
79) Butylbenzylphthalate	13.03	149	237383	31.794	ng	#	77
80) Benzo(a)anthracene	13.58	228	413291	35.626	ng		98
81) 3,3'-Dichlorobenzidine	13.55	252	151040	34.526	ng	#	95
82) Chrysene	13.62	228	398639	35.192	ng		99
83) Bis(2-ethylhexyl)phthalate	13.60	149	313447	32.154	ng		100
84) Di-n-octyl phthalate	14.20	149	618901	34.596	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.15	276	289687	29.824	ng		94
87) Benzo(b)fluoranthene	14.58	252	374834	37.284	ng		97
88) Benzo(k)fluoranthene	14.60	252	370146	38.637	ng		99
89) Benzo(a)pyrene	14.89	252	340644	37.022	ng		97
90) Dibenzo(a,h)anthracene	16.16	278	250879	33.249	ng	#	95
91) Benzo(g,h,i)perylene	16.50	276	235370	29.746	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097246.D
Acq On : 1 Aug 2017 22:00
Operator : SJ/JU
Sample : I4512-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 05:51:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MSD

Manual Integrations APPROVED
Sohil
8/2/2017 7:15:26 PM