Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104743.D
Acq On : 24 Apr 2018 8:16
Operator : JU/SJ
Sample : J2497-01MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2-SB01-BOT-4.5MS

Manual Integrations APPROVED
Sohil
4/24/2018 3:49:15 PM

Quant Time: Apr 24 11:21:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	103770	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	353868	20.00	ng		0.01
38) Acenaphthene-d10	9.85	164	157553	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	238572	20.00	ng		0.02
75) Chrysene-d12	14.04	240	83866	20.00	ng		0.05
86) Perylene-d12	15.53	264	102270m	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	800335	117.93	ng		0.02
7) Phenol-d6	6.46	99	945541	113.40	ng		0.02
23) Nitrobenzene-d5	7.38	82	545707	100.70	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	184629	112.97	ng		0.01
44) 2-Fluorobiphenyl	9.17	172	927980	93.05	ng		0.00
78) Terphenyl-d14	12.95	244	598191	162.61	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	77516	24.513	ng		89
3) Pyridine	3.26	79	228000	25.644	ng	#	84
4) n-Nitrosodimethylamine	3.20	42	92926	29.900	ng	#	76
6) Aniline	6.48	93	101294	8.744	ng	#	1
8) 2-Chlorophenol	6.60	128	240498	33.575	ng		94
9) Benzaldehyde	6.36	77	146384m	32.662	ng		
10) Phenol	6.47	94	297897	33.671	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	235481	33.353	ng		90
12) 1,3-Dichlorobenzene	6.75	146	247814	30.538	ng		99
13) 1,4-Dichlorobenzene	6.83	146	254913	31.513	ng		99
14) 1,2-Dichlorobenzene	6.99	146	164120	21.894	ng		99
15) Benzyl Alcohol	6.96	79	181381	28.639	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	254512	26.843	ng		56
17) 2-Methylphenol	7.07	107	183385	29.453	ng	#	91
18) Hexachloroethane	7.32	117	59090	20.488	ng		90
19) n-Nitroso-di-n-propylamine	7.23	70	155390	28.518	ng		90
20) 3+4-Methylphenols	7.23	107	254743	32.988	ng		97
22) Acetophenone	7.22	105	351206	40.313	ng	#	97
24) Nitrobenzene	7.40	77	224131	37.460	ng		98
25) Isophorone	7.64	82	432341	37.727	ng		98
26) 2-Nitrophenol	7.71	139	60879	24.994	ng		99
27) 2,4-Dimethylphenol	7.76	122	281279	55.615	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	272762	38.929	ng		100
29) 2,4-Dichlorophenol	7.97	162	179500	37.197	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	196235	37.054	ng		99
31) Naphthalene	8.14	128	6021987	341.756	ng		97
32) Benzoic acid	7.89	122	184956	45.834	ng	#	16
33) 4-Chloroaniline	8.17	127	71718	9.500	ng		95
34) Hexachlorobutadiene	8.23	225	103497	35.678	ng		100
35) Caprolactam	8.54	113	57697	34.273	ng		88
36) 4-Chloro-3-methylphenol	8.66	107	179431	34.677	ng		98
37) 2-Methylnaphthalene	8.81	142	832083	73.003	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	164617	36.500	ng		99
42) 2,4,6-Trichlorophenol	9.09	196	106301	33.953	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104743.D
Acq On : 24 Apr 2018 8:16
Operator : JU/SJ
Sample : J2497-01MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2-SB01-BOT-4.5MS

Manual Integrations APPROVED
Sohil
4/24/2018 3:49:15 PM

Quant Time: Apr 24 11:21:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	112617	32.144	ng		97
45) 1,1'-Biphenyl	9.27	154	820380	61.983	ng		99
46) 2-Chloronaphthalene	9.30	162	350121	33.490	ng		99
47) 2-Nitroaniline	9.40	65	130851	50.612	ng		96
48) Acenaphthylene	9.72	152	1505240	91.768	ng		98
49) Dimethylphthalate	9.57	163	465526	37.469	ng		99
50) 2,6-Dinitrotoluene	9.64	165	52560	22.862	ng		88
51) Acenaphthene	9.89	154	756413	75.582	ng		98
52) 3-Nitroaniline	9.82	138	78007	28.984	ng		93
53) 2,4-Dinitrophenol	9.94	184	140	5.348	ng	#	1
54) Dibenzofuran	10.06	168	726726	52.107	ng		99
55) 4-Nitrophenol	9.99	139	115006	54.397	ng		97
56) 2,4-Dinitrotoluene	10.05	165	61110	20.265	ng	#	89
57) Fluorene	10.41	166	1165725	114.832	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	80202	30.684	ng	#	73
59) Diethylphthalate	10.27	149	366235	29.598	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	152483	33.728	ng		96
61) 4-Nitroaniline	10.43	138	91460	34.755	ng		97
62) Azobenzene	10.56	77	321534	27.199	ng	#	71
64) 4,6-Dinitro-2-methylphenol	10.47	198	1773	8.639	ng	#	1
65) n-Nitrosodiphenylamine	10.52	169	331481	40.073	ng		95
66) 4-Bromophenyl-phenylether	10.89	248	91221	35.947	ng		93
67) Hexachlorobenzene	10.97	284	93008	32.573	ng	#	88
68) Atrazine	11.06	200	84226	33.733	ng		97
69) Pentachlorophenol	11.17	266	80015	45.296	ng		98
70) Phenanthrene	11.40	178	3256759	245.129	ng		99
71) Anthracene	11.44	178	1538054	113.885	ng		99
72) Carbazole	11.59	167	1009027	76.459	ng		98
73) Di-n-butylphthalate	11.92	149	505681	31.368	ng		97
74) Fluoranthene	12.61	202	2821454	203.257	ng		98
77) Pyrene	12.85	202	3124389	502.601	ng		98
79) Butylbenzylphthalate	13.43	149	175187	59.818	ng	#	96
80) Benzo(a)anthracene	14.03	228	1470157	293.430	ng	#	81
81) 3,3'-Dichlorobenzidine	13.99	252	17091	9.149	ng	#	73
82) Chrysene	14.07	228	1219013	236.872	ng		95
83) Bis(2-ethylhexyl)phthalate	13.99	149	225220	59.788	ng	#	98
84) Di-n-octyl phthalate	14.60	149	320578	50.931	ng	#	88
85) Indeno(1,2,3-cd)pyrene	17.06	276	1270981	290.729	ng	#	91
87) Benzo(b)fluoranthene	15.11	252	1557607m	241.146	ng		
88) Benzo(k)fluoranthene	15.13	252	522042m	85.608	ng		
89) Benzo(a)pyrene	15.48	252	1253806	216.945	ng		94
90) Dibenzo(a,h)anthracene	17.05	278	415284m	87.491	ng		
91) Benzo(g,h,i)perylene	17.52	276	1414159	307.515	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104743.D
Acq On : 24 Apr 2018 8:16
Operator : JU/SJ
Sample : J2497-01MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 24 11:21:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
A2-SB01-BOT-4.5MS

Manual Integrations APPROVED
Sohil
4/24/2018 3:49:15 PM