Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113954.D
Acq On : 24 Apr 2019 12:05
Operator : JU/SJ
Sample : K2515-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10MS

Manual Integrations APPROVED
Sohil
4/25/2019 5:26:56 PM

Quant Time: Apr 25 05:16:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149228	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	539715	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	276775	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	531522	20.00	ng		0.00
76) Chrysene-d12	14.06	240	331436	20.00	ng		-0.01
87) Perylene-d12	15.54	264	368340	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	989858	113.45	ng		0.01
7) Phenol-d6	6.53	99	1299093	118.68	ng		0.01
23) Nitrobenzene-d5	7.46	82	796617	91.13	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	409040	121.32	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1567565	88.58	ng		0.00
79) Terphenyl-d14	13.00	244	1646482	101.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	138033	33.561	ng		97
3) Pyridine	3.50	79	336612	29.984	ng		97
4) n-Nitrosodimethylamine	3.44	42	140482	36.556	ng		100
6) Aniline	6.56	93	274078	18.234	ng		100
8) 2-Chlorophenol	6.69	128	386432	38.793	ng		99
9) Benzaldehyde	6.45	77	107751	12.845	ng		92
10) Phenol	6.55	94	490085	37.441	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	379464	38.524	ng		96
12) 1,3-Dichlorobenzene	6.84	146	437191	38.752	ng		99
13) 1,4-Dichlorobenzene	6.92	146	442319	38.980	ng		99
14) 1,2-Dichlorobenzene	7.07	146	415982	39.889	ng		99
15) Benzyl Alcohol	7.03	79	292097	39.620	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	434704	37.806	ng		90
17) 2-Methylphenol	7.15	107	364116	41.700	ng		97
18) Hexachloroethane	7.41	117	152019	38.217	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	272561	38.449	ng		99
20) 3+4-Methylphenols	7.30	107	409767	41.536	ng	#	80
22) Acetophenone	7.30	105	541229	45.063	ng	#	94
24) Nitrobenzene	7.47	77	424714	43.972	ng		100
25) Isophorone	7.72	82	751770	42.032	ng		100
26) 2-Nitrophenol	7.79	139	208353	47.285	ng		97
27) 2,4-Dimethylphenol	7.83	122	322588	44.934	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	480794	42.185	ng		100
29) 2,4-Dichlorophenol	8.03	162	357090	43.497	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	395612	43.219	ng		99
31) Naphthalene	8.20	128	1126965	43.954	ng		99
32) Benzoic acid	7.90	122	35562m	7.335	ng		
33) 4-Chloroaniline	8.24	127	120299	11.089	ng		97
34) Hexachlorobutadiene	8.32	225	239306	41.937	ng		99
35) Caprolactam	8.61	113	95233m	36.467	ng		
36) 4-Chloro-3-methylphenol	8.73	107	352684	43.363	ng		99
37) 2-Methylnaphthalene	8.89	142	766940	44.358	ng		99
38) 1-Methylnaphthalene	8.99	142	722528	43.298	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	390893	43.478	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113954.D
Acq On : 24 Apr 2019 12:05
Operator : JU/SJ
Sample : K2515-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10MS

Manual Integrations APPROVED
Sohil
4/25/2019 5:26:56 PM

Quant Time: Apr 25 05:16:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	432045	86.176	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	257730	45.145	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	285766	44.627	ng		100
46) 1,1'-Biphenyl	9.36	154	952419	45.045	ng		98
47) 2-Chloronaphthalene	9.38	162	769242	44.738	ng		98
48) 2-Nitroaniline	9.47	65	213198	47.299	ng		94
49) Acenaphthylene	9.80	152	1170748	43.493	ng		99
50) Dimethylphthalate	9.66	163	995486	49.732	ng		98
51) 2,6-Dinitrotoluene	9.71	165	202443	47.142	ng		92
52) Acenaphthene	9.97	154	720291	45.278	ng		98
53) 3-Nitroaniline	9.87	138	96766	21.443	ng		99
54) 2,4-Dinitrophenol	9.99	184	93084	53.209	ng	#	3
55) Dibenzofuran	10.14	168	1060135	44.489	ng		97
56) 4-Nitrophenol	10.05	139	296775	83.061	ng		99
57) 2,4-Dinitrotoluene	10.12	165	273135	50.390	ng		98
58) Fluorene	10.48	166	796445	44.394	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	232607	41.336	ng		98
60) Diethylphthalate	10.35	149	849792	44.706	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	419187	44.120	ng		99
62) 4-Nitroaniline	10.49	138	193038	43.836	ng		99
63) Azobenzene	10.63	77	794230	43.111	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	85322	36.998	ng		93
66) n-Nitrosodiphenylamine	10.59	169	721569	45.244	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	277535	43.223	ng		97
68) Hexachlorobenzene	11.03	284	303287	42.983	ng		98
69) Atrazine	11.12	200	238956	46.059	ng		99
70) Pentachlorophenol	11.23	266	274184	68.631	ng		96
71) Phenanthrene	11.45	178	1199441	44.903	ng		99
72) Anthracene	11.50	178	1220265	45.237	ng		99
73) Carbazole	11.65	167	1062479	44.150	ng		99
74) Di-n-butylphthalate	11.97	149	1249082	44.123	ng		100
75) Fluoranthene	12.63	202	1196767	41.065	ng		97
77) Benzidine	12.75	184	182445	18.475	ng		98
78) Pyrene	12.86	202	1173442	50.628	ng		99
80) Butylbenzylphthalate	13.47	149	468715	51.398	ng		97
81) Benzo(a)anthracene	14.04	228	904071	46.297	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	176825	24.705	ng	#	98
83) Chrysene	14.09	228	915935	48.161	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	608399	52.437	ng		98
85) Di-n-octyl phthalate	14.66	149	929907	51.204	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1205995	66.946	ng		98
88) Benzo(b)fluoranthene	15.12	252	914784	39.253	ng		99
89) Benzo(k)fluoranthene	15.14	252	921551	45.972	ng		99
90) Benzo(a)pyrene	15.49	252	926511	45.964	ng		100
91) Dibenzo(a,h)anthracene	17.06	278	1005573	53.143	ng		99
92) Benzo(g,h,i)perylene	17.50	276	1044946	54.722	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113954.D
Acq On : 24 Apr 2019 12:05
Operator : JU/SJ
Sample : K2515-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 25 05:16:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-10MS

Manual Integrations APPROVED
Sohil
4/25/2019 5:26:56 PM