Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114857.D
Acq On : 6 Jun 2019 12:36
Operator : HP/JU
Sample : K3150-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Manual Integrations APPROVED
mohammad
6/7/2019 2:11:22 PM

Quant Time: Jun 07 00:19:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	453227	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1824971	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	929560	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1708551	20.00	ng		0.00
76) Chrysene-d12	13.80	240	892950	20.00	ng		0.01
87) Perylene-d12	15.19	264	1102373	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	3048586	117.53	ng		0.04
7) Phenol-d6	6.32	99	3345390	106.00	ng		0.02
23) Nitrobenzene-d5	7.23	82	2529647	85.33	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	1116597	111.46	ng		0.01
45) 2-Fluorobiphenyl	9.03	172	4801809	96.77	ng		0.00
79) Terphenyl-d14	12.76	244	4105024	89.40	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	416872m	33.662	ng		
3) Pyridine	3.31	79	978156m	28.740	ng		
4) n-Nitrosodimethylamine	3.13	42	502917	40.375	ng		98
6) Aniline	6.33	93	238115	5.317	ng	#	1
8) 2-Chlorophenol	6.46	128	1231681	41.099	ng		98
9) Benzaldehyde	6.21	77	389398	17.787	ng		97
10) Phenol	6.33	94	1208165	33.474	ng		77
11) bis(2-Chloroethyl)ether	6.41	93	1193999	42.389	ng		98
12) 1,3-Dichlorobenzene	6.61	146	1339229	38.350	ng		99
13) 1,4-Dichlorobenzene	6.69	146	1368391	38.943	ng		98
14) 1,2-Dichlorobenzene	6.84	146	1236631	38.968	ng		100
15) Benzyl Alcohol	6.82	79	961626	40.291	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1648572	40.922	ng		97
17) 2-Methylphenol	6.94	107	1061431	41.435	ng	#	95
18) Hexachloroethane	7.18	117	507234	38.352	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	867661	41.530	ng		99
20) 3+4-Methylphenols	7.09	107	1194451	42.275	ng		91
22) Acetophenone	7.08	105	1774865	44.174	ng	#	98
24) Nitrobenzene	7.25	77	1314135	42.788	ng		99
25) Isophorone	7.50	82	2545918	43.439	ng		99
26) 2-Nitrophenol	7.57	139	740687	44.528	ng		94
27) 2,4-Dimethylphenol	7.62	122	1215477	48.076	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	1640626	43.791	ng		99
29) 2,4-Dichlorophenol	7.82	162	1192540	44.833	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	1286296	42.145	ng		98
31) Naphthalene	7.97	128	3769951	45.885	ng		99
32) Benzoic acid	7.73	122	391261	21.248	ng		100
33) 4-Chloroaniline	8.02	127	125070	3.191	ng		96
34) Hexachlorobutadiene	8.10	225	691064	39.826	ng		100
35) Caprolactam	8.40	113	258397m	29.738	ng		
36) 4-Chloro-3-methylphenol	8.51	107	1201660	45.400	ng		99
37) 2-Methylnaphthalene	8.66	142	2642905	46.377	ng		99
38) 1-Methylnaphthalene	8.76	142	2504692	46.346	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1111999	41.510	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114857.D
Acq On : 6 Jun 2019 12:36
Operator : HP/JU
Sample : K3150-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Manual Integrations APPROVED
mohammad
6/7/2019 2:11:22 PM

Quant Time: Jun 07 00:19:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1165937	71.763	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	984080	47.242	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	774176	36.904	ng	97
46) 1,1'-Biphenyl	9.13	154	3053208	44.317	ng	98
47) 2-Chloronaphthalene	9.15	162	2409856	41.165	ng	100
48) 2-Nitroaniline	9.25	65	698609	39.989	ng	100
49) Acenaphthylene	9.56	152	3696756	43.545	ng	100
50) Dimethylphthalate	9.44	163	2469255	36.371	ng	99
51) 2,6-Dinitrotoluene	9.49	165	605287	37.910	ng	95
52) Acenaphthene	9.74	154	2326732	41.839	ng	99
53) 3-Nitroaniline	9.65	138	98119	5.260	ng	92
54) 2,4-Dinitrophenol	9.76	184	269201	37.259	ng	93
55) Dibenzofuran	9.91	168	3153469	40.779	ng	99
56) 4-Nitrophenol	9.83	139	947555	69.329	ng	99
57) 2,4-Dinitrotoluene	9.90	165	798151	39.765	ng	97
58) Fluorene	10.25	166	2209657	44.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	686631	39.950	ng	99
60) Diethylphthalate	10.13	149	2587061	37.975	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	1117865	37.743	ng	97
62) 4-Nitroaniline	10.27	138	608994	33.663	ng	98
63) Azobenzene	10.40	77	2323973	40.075	ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	230161	25.933	ng	93
66) n-Nitrosodiphenylamine	10.36	169	2249205	43.536	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	808438	41.662	ng	99
68) Hexachlorobenzene	10.80	284	841256	39.612	ng	95
69) Atrazine	10.89	200	735056	40.909	ng	98
70) Pentachlorophenol	10.99	266	821276	66.895	ng	99
71) Phenanthrene	11.20	178	3451220	42.313	ng	99
72) Anthracene	11.26	178	3404222	39.659	ng	100
73) Carbazole	11.40	167	3088517	41.972	ng	100
74) Di-n-butylphthalate	11.75	149	3845320	39.731	ng	100
75) Fluoranthene	12.38	202	3385966	39.885	ng	98
77) Benzidine	12.50	184	389333	8.807	ng	95
78) Pyrene	12.61	202	3328069	42.963	ng	99
80) Butylbenzylphthalate	13.23	149	1753610	44.829	ng	99
81) Benzo(a)anthracene	13.79	228	2844866	41.343	ng	99
82) 3,3'-Dichlorobenzidine	13.75	252	326325	11.695	ng	99
83) Chrysene	13.83	228	2842749	42.468	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2099032	42.435	ng	99
85) Di-n-octyl phthalate	14.42	149	3746387	44.574	ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	2777546	36.366	ng	99
88) Benzo(b)fluoranthene	14.81	252	2979075	42.450	ng	99
89) Benzo(k)fluoranthene	14.84	252	2600073	43.628	ng	99
90) Benzo(a)pyrene	15.14	252	2665972	43.890	ng	99
91) Dibenzo(a,h)anthracene	16.53	278	2280466	39.644	ng	99
92) Benzo(g,h,i)perylene	16.91	276	2314083	40.004	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114857.D
Acq On : 6 Jun 2019 12:36
Operator : HP/JU
Sample : K3150-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 07 00:19:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMS

Manual Integrations APPROVED
mohammad
6/7/2019 2:11:22 PM