Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114083.D
Acq On : 2 May 2019 13:54
Operator : JU/SJ
Sample : K2584-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-0419-S-DH-8MS

Manual Integrations APPROVED
Sohil
5/3/2019 4:32:56 PM

Quant Time: May 03 04:00:06 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	6.89	152	78581	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	303654	20.00	ng		-0.01
39) Acenaphthene-d10	9.93	164	164653	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	335291	20.00	ng		0.00
76) Chrysene-d12	14.06	240	231832	20.00	ng		-0.01
87) Perylene-d12	15.56	264	242015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	602002	131.03	ng		0.00
7) Phenol-d6	6.53	99	807468	140.08	ng		0.00
23) Nitrobenzene-d5	7.45	82	481976	98.00	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	273600	136.40	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	946255	89.88	ng		-0.01
79) Terphenyl-d14	13.00	244	1309526	115.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	77482	35.776	ng		96
3) Pyridine	3.43	79	212695	35.979	ng		97
4) n-Nitrosodimethylamine	3.36	42	80379	39.720	ng		94
6) Aniline	6.55	93	210134	26.548	ng		99
8) 2-Chlorophenol	6.68	128	228246	43.513	ng		95
9) Benzaldehyde	6.43	77	39479	7.505	ng		95
10) Phenol	6.54	94	294887	42.782	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	218228	42.073	ng		97
12) 1,3-Dichlorobenzene	6.83	146	240168	40.427	ng		99
13) 1,4-Dichlorobenzene	6.91	146	244871	40.980	ng		99
14) 1,2-Dichlorobenzene	7.06	146	235759	42.932	ng		97
15) Benzyl Alcohol	7.03	79	209678	54.010	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	242462	40.044	ng		94
17) 2-Methylphenol	7.14	107	193425	42.067	ng		98
18) Hexachloroethane	7.40	117	82651	39.458	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	160630	43.031	ng		97
20) 3+4-Methylphenols	7.29	107	237976	45.810	ng	#	71
22) Acetophenone	7.29	105	321984	47.650	ng	#	91
24) Nitrobenzene	7.47	77	247729	45.588	ng		98
25) Isophorone	7.71	82	435649	43.293	ng		98
26) 2-Nitrophenol	7.79	139	126990	51.225	ng		99
27) 2,4-Dimethylphenol	7.82	122	201255	49.827	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	278030	43.359	ng		99
29) 2,4-Dichlorophenol	8.03	162	218007	47.200	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	237652	46.146	ng		100
31) Naphthalene	8.19	128	685823	47.543	ng		99
32) Benzoic acid	7.92	122	47467	17.402	ng		99
33) 4-Chloroaniline	8.24	127	102716	16.828	ng		96
34) Hexachlorobutadiene	8.31	225	141588	44.102	ng		99
35) Caprolactam	8.60	113	66256m	45.094	ng		
36) 4-Chloro-3-methylphenol	8.72	107	197650	43.193	ng		97
37) 2-Methylnaphthalene	8.89	142	462208	47.516	ng		99
38) 1-Methylnaphthalene	8.99	142	435498	46.385	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	242271	45.297	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114083.D
Acq On : 2 May 2019 13:54
Operator : JU/SJ
Sample : K2584-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Manual Integrations APPROVED
Sohil
5/3/2019 4:32:56 PM

Quant Time: May 03 04:00:06 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	9.04	237	157400	52.774	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	153925	45.322	ng		100
44) 2,4,5-Trichlorophenol	9.21	196	163442	42.905	ng		96
46) 1,1'-Biphenyl	9.35	154	561154	44.613	ng		98
47) 2-Chloronaphthalene	9.37	162	451928	44.182	ng		98
48) 2-Nitroaniline	9.46	65	119176	44.444	ng		94
49) Acenaphthylene	9.79	152	668481	41.745	ng		98
50) Dimethylphthalate	9.65	163	615942	51.725	ng		99
51) 2,6-Dinitrotoluene	9.70	165	117309	45.919	ng		93
52) Acenaphthene	9.96	154	435166	45.983	ng		97
53) 3-Nitroaniline	9.87	138	72865	27.142	ng		100
54) 2,4-Dinitrophenol	9.99	184	79724	72.947	ng	#	1
55) Dibenzofuran	10.13	168	621010	43.807	ng		99
56) 4-Nitrophenol	10.05	139	191793	90.232	ng		96
57) 2,4-Dinitrotoluene	10.11	165	165083	51.195	ng		97
58) Fluorene	10.47	166	472254	44.249	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	144443	43.148	ng		100
60) Diethylphthalate	10.35	149	546611	48.338	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	253063	44.772	ng		98
62) 4-Nitroaniline	10.49	138	122516	46.766	ng		97
63) Azobenzene	10.63	77	470524	42.932	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	69103	45.428	ng		98
66) n-Nitrosodiphenylamine	10.58	169	444159	44.149	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	168145	41.513	ng		97
68) Hexachlorobenzene	11.03	284	187343	42.090	ng		97
69) Atrazine	11.10	200	149293	45.617	ng		99
70) Pentachlorophenol	11.22	266	185592	73.644	ng		99
71) Phenanthrene	11.44	178	796705	47.281	ng		99
72) Anthracene	11.49	178	814930	47.892	ng		99
73) Carbazole	11.64	167	736539	48.518	ng		99
74) Di-n-butylphthalate	11.97	149	963380	53.948	ng		100
75) Fluoranthene	12.63	202	930859	50.634	ng		98
77) Benzidine	12.74	184	182177	26.373	ng		97
78) Pyrene	12.86	202	920952	56.806	ng		98
80) Butylbenzylphthalate	13.46	149	400724	62.822	ng		98
81) Benzo(a)anthracene	14.05	228	762075	55.792	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	173630	34.681	ng		98
83) Chrysene	14.09	228	742379	55.807	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	570605	70.309	ng		99
85) Di-n-octyl phthalate	14.67	149	904243	71.183	ng		98
86) Indeno(1,2,3-cd)pyrene	17.07	276	882964	70.073	ng		98
88) Benzo(b)fluoranthene	15.13	252	793624	51.830	ng		100
89) Benzo(k)fluoranthene	15.16	252	663019	50.339	ng		99
90) Benzo(a)pyrene	15.50	252	716844	54.125	ng		99
91) Dibenzo(a,h)anthracene	17.09	278	738558	59.405	ng		99
92) Benzo(g,h,i)perylene	17.52	276	755343	60.203	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114083.D
Acq On : 2 May 2019 13:54
Operator : JU/SJ
Sample : K2584-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 03 04:00:06 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 :
SSSI-0419-S-DH-8MS

Manual Integrations APPROVED
Sohil
5/3/2019 4:32:56 PM