Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114084.D
Acq On : 2 May 2019 14:21
Operator : JU/SJ
Sample : K2584-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/3/2019 4:32:58 PM

Quant Time: May 03 04:02:54 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	81868	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	304855	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	168627	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	345659	20.00	ng		0.00
76) Chrysene-d12	14.07	240	240071	20.00	ng		0.00
87) Perylene-d12	15.57	264	250971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	845114	176.56	ng		0.00
7) Phenol-d6	6.53	99	1143316	190.38	ng		0.01
23) Nitrobenzene-d5	7.45	82	691693	140.09	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	377819	183.92	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1265576	117.38	ng		0.00
79) Terphenyl-d14	13.00	244	1790671	152.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	106392	47.152	ng		96
3) Pyridine	3.44	79	307754	49.969	ng		100
4) n-Nitrosodimethylamine	3.38	42	120608	57.207	ng		97
6) Aniline	6.56	93	172208	20.883	ng		100
8) 2-Chlorophenol	6.68	128	319497	58.464	ng		99
9) Benzaldehyde	6.43	77	56597	12.081	ng		97
10) Phenol	6.55	94	406961	56.671	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	309708	57.313	ng		94
12) 1,3-Dichlorobenzene	6.83	146	340345	54.989	ng		100
13) 1,4-Dichlorobenzene	6.91	146	344513	55.341	ng		100
14) 1,2-Dichlorobenzene	7.06	146	329683	57.625	ng		98
15) Benzyl Alcohol	7.03	79	301481	74.539	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	347512	55.090	ng		93
17) 2-Methylphenol	7.15	107	276726	57.768	ng		97
18) Hexachloroethane	7.40	117	119966	54.973	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	224805	57.805	ng		98
20) 3+4-Methylphenols	7.30	107	338128	62.475	ng	#	70
22) Acetophenone	7.30	105	450637	66.426	ng	#	92
24) Nitrobenzene	7.47	77	355685	65.196	ng		100
25) Isophorone	7.71	82	614364	60.812	ng		100
26) 2-Nitrophenol	7.79	139	184094	73.967	ng		94
27) 2,4-Dimethylphenol	7.83	122	288278	71.091	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	392364	60.948	ng		99
29) 2,4-Dichlorophenol	8.03	162	308523	66.534	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	332517	64.312	ng		98
31) Naphthalene	8.20	128	959360	66.244	ng		99
32) Benzoic acid	7.93	122	89477	32.674	ng		97
33) 4-Chloroaniline	8.24	127	69100	11.276	ng		97
34) Hexachlorobutadiene	8.32	225	200857	62.317	ng		98
35) Caprolactam	8.61	113	98148m	66.537	ng		
36) 4-Chloro-3-methylphenol	8.73	107	279851	60.916	ng		98
37) 2-Methylnaphthalene	8.89	142	644090	65.952	ng		99
38) 1-Methylnaphthalene	8.99	142	602299	63.899	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	339924	62.058	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114084.D
Acq On : 2 May 2019 14:21
Operator : JU/SJ
Sample : K2584-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/3/2019 4:32:58 PM

Quant Time: May 03 04:02:54 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	235196	77.000	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	216672	62.294	ng		100
44) 2,4,5-Trichlorophenol	9.21	196	232153	59.506	ng		99
46) 1,1'-Biphenyl	9.35	154	769831	59.761	ng		98
47) 2-Chloronaphthalene	9.37	162	627283	59.880	ng		97
48) 2-Nitroaniline	9.47	65	170041	61.919	ng		88
49) Acenaphthylene	9.79	152	915394	55.817	ng		99
50) Dimethylphthalate	9.65	163	865864	70.999	ng		99
51) 2,6-Dinitrotoluene	9.71	165	167452	64.002	ng		99
52) Acenaphthene	9.96	154	549682	56.714	ng		98
53) 3-Nitroaniline	9.87	138	71001	25.825	ng		96
54) 2,4-Dinitrophenol	9.99	184	137738	117.345	ng	#	1
55) Dibenzofuran	10.13	168	856508	58.996	ng		97
56) 4-Nitrophenol	10.05	139	281044	129.106	ng		98
57) 2,4-Dinitrotoluene	10.12	165	237083	71.791	ng		98
58) Fluorene	10.48	166	658210	60.219	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	207510	60.526	ng		99
60) Diethylphthalate	10.35	149	772707	66.722	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	348255	60.162	ng		99
62) 4-Nitroaniline	10.49	138	171365	63.871	ng		99
63) Azobenzene	10.63	77	661271	58.915	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	109373	65.832	ng		98
66) n-Nitrosodiphenylamine	10.59	169	620247	59.803	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	237395	56.851	ng		97
68) Hexachlorobenzene	11.03	284	262014	57.100	ng		97
69) Atrazine	11.11	200	210958	62.526	ng		99
70) Pentachlorophenol	11.23	266	282241	108.636	ng		98
71) Phenanthrene	11.44	178	1115739	64.229	ng		100
72) Anthracene	11.49	178	1129825	64.406	ng		99
73) Carbazole	11.65	167	1048726	67.010	ng		100
74) Di-n-butylphthalate	11.97	149	1364843	74.137	ng		100
75) Fluoranthene	12.63	202	1306108	68.915	ng		99
77) Benzidine	12.74	184	199110	27.836	ng		97
78) Pyrene	12.86	202	1300953	77.491	ng		99
80) Butylbenzylphthalate	13.47	149	582029	88.114	ng		99
81) Benzo(a)anthracene	14.06	228	1068581	75.547	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	184586	35.604	ng		98
83) Chrysene	14.10	228	1056773	76.714	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	815684	97.057	ng		99
85) Di-n-octyl phthalate	14.68	149	1277222	97.094	ng		98
86) Indeno(1,2,3-cd)pyrene	17.09	276	1251537	95.914	ng		98
88) Benzo(b)fluoranthene	15.14	252	1063734	66.991	ng		100
89) Benzo(k)fluoranthene	15.17	252	1008958	73.870	ng		100
90) Benzo(a)pyrene	15.52	252	1025469	74.664	ng		99
91) Dibenzo(a,h)anthracene	17.11	278	1026096	79.587	ng		100
92) Benzo(g,h,i)perylene	17.55	276	1061772	81.606	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114084.D
Acq On : 2 May 2019 14:21
Operator : JU/SJ
Sample : K2584-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 03 04:02:54 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-8MSD

Manual Integrations APPROVED
Sohil
5/3/2019 4:32:58 PM