Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113928.D
Acq On : 23 Apr 2019 18:46
Operator : JU/SJ
Sample : K2522-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Manual Integrations APPROVED
Sohil
4/24/2019 11:51:30 AM

Quant Time: Apr 24 07:11:31 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	130233	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	445126	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	193755	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	349785	20.00	ng		0.00
76) Chrysene-d12	14.07	240	350982	20.00	ng		0.00
87) Perylene-d12	15.56	264	319609	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	795826	104.52	ng		0.01
7) Phenol-d6	6.53	99	1004768	105.18	ng		0.00
23) Nitrobenzene-d5	7.46	82	585836	81.26	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	250472	106.12	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1042802	84.18	ng		0.00
79) Terphenyl-d14	13.00	244	1142892	66.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	118050	32.889	ng		96
3) Pyridine	3.50	79	313313	31.980	ng		98
4) n-Nitrosodimethylamine	3.43	42	115614	34.473	ng		98
6) Aniline	6.56	93	306949	23.399	ng		97
8) 2-Chlorophenol	6.69	128	297463	34.217	ng		99
9) Benzaldehyde	6.45	77	79762	10.146	ng		95
10) Phenol	6.55	94	387093	33.886	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	299158	34.801	ng		97
12) 1,3-Dichlorobenzene	6.85	146	345572	35.099	ng		97
13) 1,4-Dichlorobenzene	6.92	146	350365	35.380	ng		97
14) 1,2-Dichlorobenzene	7.07	146	327543	35.989	ng		97
15) Benzyl Alcohol	7.03	79	235972	36.676	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	343128	34.194	ng		92
17) 2-Methylphenol	7.15	107	263276	34.549	ng		98
18) Hexachloroethane	7.42	117	106032	30.544	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	204602	33.072	ng		99
20) 3+4-Methylphenols	7.30	107	299705	34.811	ng	#	82
22) Acetophenone	7.30	105	412339	41.627	ng	#	95
24) Nitrobenzene	7.47	77	319189	40.069	ng		99
25) Isophorone	7.72	82	550328	37.307	ng		100
26) 2-Nitrophenol	7.79	139	144887	39.869	ng		96
27) 2,4-Dimethylphenol	7.83	122	251186	42.424	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	357743	38.059	ng		100
29) 2,4-Dichlorophenol	8.04	162	251625	37.164	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	285819	37.860	ng		99
31) Naphthalene	8.20	128	821597	38.854	ng		99
32) Benzoic acid	7.90	122	44312m	11.082	ng		
33) 4-Chloroaniline	8.25	127	167249	18.692	ng		96
34) Hexachlorobutadiene	8.32	225	173722	36.913	ng		99
35) Caprolactam	8.60	113	65722	30.514	ng		90
36) 4-Chloro-3-methylphenol	8.73	107	230996	34.436	ng		99
37) 2-Methylnaphthalene	8.89	142	526616	36.931	ng		99
38) 1-Methylnaphthalene	8.99	142	491170	35.688	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	264908	42.090	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113928.D
Acq On : 23 Apr 2019 18:46
Operator : JU/SJ
Sample : K2522-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Manual Integrations APPROVED
Sohil
4/24/2019 11:51:30 AM

Quant Time: Apr 24 07:11:31 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	70687	20.141	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	167930	42.019	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	178645	39.852	ng		100
46) 1,1'-Biphenyl	9.36	154	631697	42.678	ng		98
47) 2-Chloronaphthalene	9.38	162	486569	40.423	ng		98
48) 2-Nitroaniline	9.47	65	134776	42.713	ng		93
49) Acenaphthylene	9.80	152	720895	38.256	ng		98
50) Dimethylphthalate	9.65	163	757124	54.031	ng		99
51) 2,6-Dinitrotoluene	9.71	165	120730	40.160	ng		96
52) Acenaphthene	9.97	154	416570	37.406	ng		98
53) 3-Nitroaniline	9.87	138	96801	30.643	ng		99
54) 2,4-Dinitrophenol	9.99	184	13985	17.953	ng	#	4
55) Dibenzofuran	10.14	168	640456	38.393	ng		99
56) 4-Nitrophenol	10.04	139	177024	70.775	ng		99
57) 2,4-Dinitrotoluene	10.12	165	144138	37.986	ng		93
58) Fluorene	10.48	166	467738	37.243	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	146944	37.302	ng		97
60) Diethylphthalate	10.35	149	523429	39.336	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	247570	37.222	ng		100
62) 4-Nitroaniline	10.49	138	101125	32.803	ng		96
63) Azobenzene	10.63	77	453897	35.195	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	15097	15.291	ng		95
66) n-Nitrosodiphenylamine	10.59	169	422859	40.290	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	156267	36.981	ng		96
68) Hexachlorobenzene	11.04	284	167001	35.965	ng	#	93
69) Atrazine	11.11	200	135896	39.803	ng		99
70) Pentachlorophenol	11.23	266	192854	73.355	ng		97
71) Phenanthrene	11.44	178	705292	40.122	ng		99
72) Anthracene	11.50	178	707214	39.839	ng		98
73) Carbazole	11.64	167	639321	40.369	ng		99
74) Di-n-butylphthalate	11.97	149	736578	39.538	ng		99
75) Fluoranthene	12.63	202	832031	43.383	ng		97
77) Benzidine	12.74	184	542303	51.857	ng		98
78) Pyrene	12.86	202	844515	34.407	ng		99
80) Butylbenzylphthalate	13.47	149	345475	35.774	ng		96
81) Benzo(a)anthracene	14.06	228	834431	40.351	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	336475	44.393	ng		99
83) Chrysene	14.09	228	810019	40.220	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	494849	40.275	ng		100
85) Di-n-octyl phthalate	14.67	149	892528	46.409	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	607373	31.838	ng		98
88) Benzo(b)fluoranthene	15.13	252	807778	39.947	ng		99
89) Benzo(k)fluoranthene	15.16	252	699999	40.244	ng		99
90) Benzo(a)pyrene	15.50	252	675844	38.640	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	513094	31.250	ng		99
92) Benzo(g,h,i)perylene	17.51	276	475381	28.691	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113928.D
Acq On : 23 Apr 2019 18:46
Operator : JU/SJ
Sample : K2522-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 24 07:11:31 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 :
SP-WOODBURYMSD

Manual Integrations APPROVED
Sohil
4/24/2019 11:51:30 AM