Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042537.D
Acq On : 28 Aug 2019 18:01
Operator : HP/JU
Sample : K4551-18MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MS

Manual Integrations APPROVED
Jagrut
8/29/2019 7:48:31 PM

Quant Time: Aug 29 07:20:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36898	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	135033	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	100082	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	248127	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	287102	20.00	ng		0.00
87) Perylene-d12	24.93	264	348944	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	194261	106.63	ng		0.00
7) Phenol-d6	7.17	99	258739	105.14	ng		0.00
23) Nitrobenzene-d5	9.17	82	147884	75.68	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	164045	115.32	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	398307	67.31	ng		0.00
79) Terphenyl-d14	20.02	244	838327	63.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	22339	29.382	ng		93
3) Pyridine	3.83	79	50565	25.936	ng		97
4) n-Nitrosodimethylamine	3.74	42	24290	34.883	ng		92
6) Aniline	7.31	93	86987	26.502	ng		98
8) 2-Chlorophenol	7.57	128	81425	36.878	ng		99
9) Benzaldehyde	7.13	77	48480	39.349	ng		92
10) Phenol	7.19	94	101359	40.509	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	63576	32.353	ng		97
12) 1,3-Dichlorobenzene	7.89	146	95395	33.963	ng		97
13) 1,4-Dichlorobenzene	8.04	146	97418	34.240	ng		98
14) 1,2-Dichlorobenzene	8.35	146	90716	33.295	ng		98
15) Benzyl Alcohol	8.24	79	60383	34.105	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83338	31.290	ng		99
17) 2-Methylphenol	8.45	107	65267	35.414	ng		95
18) Hexachloroethane	9.09	117	31970	32.823	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	50885	31.916	ng		96
20) 3+4-Methylphenols	8.78	107	88446	34.682	ng		97
22) Acetophenone	8.82	105	112794	39.054	ng	#	100
24) Nitrobenzene	9.21	77	75568	38.190	ng		99
25) Isophorone	9.74	82	143013	37.085	ng		98
26) 2-Nitrophenol	9.92	139	49869	40.216	ng		97
27) 2,4-Dimethylphenol	9.99	122	72909	42.683	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	87463	35.984	ng		98
29) 2,4-Dichlorophenol	10.47	162	91793	41.074	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	103365	37.682	ng		98
31) Naphthalene	10.87	128	242005	38.602	ng		99
32) Benzoic acid	10.11	122	7814m	13.400	ng		
33) 4-Chloroaniline	10.98	127	82260	28.424	ng		97
34) Hexachlorobutadiene	11.16	225	68218	37.004	ng		97
35) Caprolactam	11.76	113	30942	41.493	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	84791	39.967	ng		99
37) 2-Methylnaphthalene	12.48	142	193912	38.521	ng		99
38) 1-Methylnaphthalene	12.70	142	182183	38.101	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	131511	40.918	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042537.D
Acq On : 28 Aug 2019 18:01
Operator : HP/JU
Sample : K4551-18MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MS

Manual Integrations APPROVED
Jagrut
8/29/2019 7:48:31 PM

Quant Time: Aug 29 07:20:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	148541	87.984	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	90241	41.539	ng		94
44) 2,4,5-Trichlorophenol	13.17	196	99112	44.025	ng		98
46) 1,1'-Biphenyl	13.49	154	258436	39.948	ng		97
47) 2-Chloronaphthalene	13.53	162	212828	38.153	ng		99
48) 2-Nitroaniline	13.74	65	49716	36.959	ng		99
49) Acenaphthylene	14.38	152	339146	40.411	ng		99
50) Dimethylphthalate	14.11	163	314395	43.537	ng		99
51) 2,6-Dinitrotoluene	14.23	165	66769	39.890	ng		93
52) Acenaphthene	14.72	154	195188	38.302	ng		99
53) 3-Nitroaniline	14.56	138	52427	31.318	ng		99
54) 2,4-Dinitrophenol	14.78	184	66154	60.303	ng		97
55) Dibenzofuran	15.06	168	341789	40.519	ng		99
56) 4-Nitrophenol	14.89	139	110504	92.899	ng		97
57) 2,4-Dinitrotoluene	15.02	165	95394	39.799	ng		98
58) Fluorene	15.71	166	277889	40.301	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	101973	45.803	ng		94
60) Diethylphthalate	15.48	149	272381	38.585	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	161140	38.767	ng		98
62) 4-Nitroaniline	15.73	138	74047	41.330	ng		95
63) Azobenzene	15.99	77	188792	39.030	ng		96
65) 4,6-Dinitro-2-methylphenol	15.79	198	68050	43.744	ng		98
66) n-Nitrosodiphenylamine	15.91	169	261075	38.260	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	116553	37.032	ng		99
68) Hexachlorobenzene	16.72	284	122388	35.771	ng		96
69) Atrazine	16.86	200	106650	44.197	ng		99
70) Pentachlorophenol	17.07	266	146397	82.352	ng		95
71) Phenanthrene	17.46	178	500906	40.642	ng		99
72) Anthracene	17.54	178	510486	41.490	ng		100
73) Carbazole	17.81	167	471081	42.959	ng		99
74) Di-n-butylphthalate	18.37	149	526536	40.620	ng		100
75) Fluoranthene	19.46	202	692380	46.031	ng		97
77) Benzidine	19.64	184	263709	32.037	ng		99
78) Pyrene	19.83	202	700174	39.778	ng		98
80) Butylbenzylphthalate	20.71	149	259869	37.536	ng		97
81) Benzo(a)anthracene	21.67	228	701037	40.140	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	215253	30.645	ng		99
83) Chrysene	21.74	228	687359	40.809	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	379113	39.439	ng		98
85) Di-n-octyl phthalate	22.79	149	653425	39.523	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	918593	40.131	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	786112	40.978	ng		99
89) Benzo(k)fluoranthene	23.97	252	760405	41.238	ng		99
90) Benzo(a)pyrene	24.78	252	775137	42.581	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	759142	41.188	ng		98
92) Benzo(g,h,i)perylene	29.80	276	772487	41.905	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042537.D
Acq On : 28 Aug 2019 18:01
Operator : HP/JU
Sample : K4551-18MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 29 07:20:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MS

Manual Integrations APPROVED
Jagrut
8/29/2019 7:48:31 PM