Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043383.D
Acq On : 29 Oct 2019 20:53
Operator : JU
Sample : K5541-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:37 PM

Quant Time: Oct 30 08:30:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46743	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	176790	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	123372	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	288744	20.00	ng	0.00
76) Chrysene-d12	21.67	240	321571	20.00	ng	0.00
87) Perylene-d12	24.86	264	386012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	285574	111.95	ng	0.00
7) Phenol-d6	7.21	99	401130	109.30	ng	0.00
23) Nitrobenzene-d5	9.19	82	242233	70.64	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	246210	104.87	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	544899	61.03	ng	0.00
79) Terphenyl-d14	20.00	244	1021012	59.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	36078	36.294	ng	95
3) Pyridine	3.89	79	92546	36.907	ng	96
4) n-Nitrosodimethylamine	3.80	42	57077	45.109	ng	86
6) Aniline	7.35	93	146443	34.638	ng	98
8) 2-Chlorophenol	7.60	128	134198	47.658	ng	96
9) Benzaldehyde	7.16	77	70734	39.218	ng	91
10) Phenol	7.24	94	172533	51.446	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	109761	42.332	ng	95
12) 1,3-Dichlorobenzene	7.91	146	144505	40.959	ng	99
13) 1,4-Dichlorobenzene	8.06	146	150350	42.121	ng	96
14) 1,2-Dichlorobenzene	8.38	146	144596	41.488	ng	97
15) Benzyl Alcohol	8.27	79	117665	45.651	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	153422	40.693	ng	99
17) 2-Methylphenol	8.49	107	111148	45.462	ng	97
18) Hexachloroethane	9.10	117	53594	41.616	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	97988	41.318	ng	99
20) 3+4-Methylphenols	8.81	107	152801	45.578	ng	89
22) Acetophenone	8.84	105	193067	42.644	ng	99
24) Nitrobenzene	9.23	77	147351	45.107	ng	98
25) Isophorone	9.75	82	278268	44.384	ng	95
26) 2-Nitrophenol	9.94	139	78026	49.474	ng	95
27) 2,4-Dimethylphenol	10.01	122	124667	55.152	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	152649	44.115	ng	96
29) 2,4-Dichlorophenol	10.49	162	142614	49.242	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	163509	44.794	ng	99
31) Naphthalene	10.88	128	422258	47.055	ng	99
32) Benzoic acid	10.18	122	67422	40.748	ng	92
33) 4-Chloroaniline	11.00	127	75803	20.607	ng	96
34) Hexachlorobutadiene	11.17	225	112862	41.826	ng	92
35) Caprolactam	11.77	113	45121m	45.236	ng	
36) 4-Chloro-3-methylphenol	12.13	107	151625	47.995	ng	99
37) 2-Methylnaphthalene	12.48	142	316934	46.030	ng	95
38) 1-Methylnaphthalene	12.70	142	300111	45.809	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	208222	45.604	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043383.D
Acq On : 29 Oct 2019 20:53
Operator : JU
Sample : K5541-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:37 PM

Quant Time: Oct 30 08:30:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	210218	87.647	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	133718	49.731	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	143510	52.793	ng		99
46) 1,1'-Biphenyl	13.49	154	425099	45.293	ng		99
47) 2-Chloronaphthalene	13.53	162	330475	46.278	ng		99
48) 2-Nitroaniline	13.74	65	98805	46.293	ng		97
49) Acenaphthylene	14.37	152	532973	47.955	ng		99
50) Dimethylphthalate	14.11	163	503600	52.700	ng		100
51) 2,6-Dinitrotoluene	14.23	165	97494	46.962	ng		98
52) Acenaphthene	14.71	154	323941	47.795	ng		97
53) 3-Nitroaniline	14.56	138	62486	31.175	ng		92
54) 2,4-Dinitrophenol	14.77	184	64930	52.809	ng		89
55) Dibenzofuran	15.05	168	529482	48.173	ng		99
56) 4-Nitrophenol	14.90	139	144376	107.488	ng		93
57) 2,4-Dinitrotoluene	15.01	165	138967	46.839	ng		97
58) Fluorene	15.70	166	446975	48.486	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	142908	49.481	ng	#	99
60) Diethylphthalate	15.47	149	433270	45.124	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	246369	45.812	ng		98
62) 4-Nitroaniline	15.73	138	84586	40.863	ng		92
63) Azobenzene	15.98	77	367234	47.258	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	62169	36.586	ng		96
66) n-Nitrosodiphenylamine	15.91	169	390163	47.861	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	177104	45.577	ng		97
68) Hexachlorobenzene	16.71	284	198493	44.501	ng		98
69) Atrazine	16.85	200	165137	58.298	ng		94
70) Pentachlorophenol	17.05	266	218076	107.296	ng		94
71) Phenanthrene	17.44	178	856180	57.905	ng		99
72) Anthracene	17.53	178	759821	51.362	ng		97
73) Carbazole	17.81	167	654878	48.884	ng		100
74) Di-n-butylphthalate	18.35	149	753978	46.385	ng		99
75) Fluoranthene	19.45	202	1131072	58.677	ng		99
77) Benzidine	19.63	184	372530	57.563	ng		99
78) Pyrene	19.81	202	1104162	55.472	ng		98
80) Butylbenzylphthalate	20.69	149	342115	45.366	ng		99
81) Benzo(a)anthracene	21.64	228	1056190	52.435	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	311179	39.941	ng		100
83) Chrysene	21.71	228	1011407	50.536	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	513119	47.900	ng		97
85) Di-n-octyl phthalate	22.75	149	872885	48.029	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1297718	51.656	ng		99
88) Benzo(b)fluoranthene	23.85	252	1122694	51.353	ng		99
89) Benzo(k)fluoranthene	23.92	252	1088095	49.438	ng		98
90) Benzo(a)pyrene	24.71	252	1037166	49.680	ng		97
91) Dibenzo(a,h)anthracene	28.57	278	1043739	48.877	ng		98
92) Benzo(g,h,i)perylene	29.65	276	1099296	52.189	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043383.D
Acq On : 29 Oct 2019 20:53
Operator : JU
Sample : K5541-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 30 08:30:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:37 PM