Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043253.D
Acq On : 16 Oct 2019 20:14
Operator : JU
Sample : K5374-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE-1MSD

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:03 AM

Quant Time: Oct 17 02:22:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51868	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	195350	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	137378	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	312193	20.00	ng		0.00
76) Chrysene-d12	21.70	240	333374	20.00	ng		0.00
87) Perylene-d12	24.93	264	403970	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	328700	113.10	ng		0.00
7) Phenol-d6	7.23	99	468151	111.85	ng		0.00
23) Nitrobenzene-d5	9.21	82	284947	70.90	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	277773	117.59	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	699757	73.84	ng		0.00
79) Terphenyl-d14	20.03	244	1230639	78.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37535	30.976	ng		89
3) Pyridine	3.92	79	93709	27.495	ng		88
4) n-Nitrosodimethylamine	3.84	42	58068	35.430	ng	#	93
6) Aniline	7.38	93	152427	30.170	ng		99
8) 2-Chlorophenol	7.62	128	134748	44.457	ng		96
9) Benzaldehyde	7.19	77	73033	28.556	ng		90
10) Phenol	7.26	94	174689	45.492	ng		92
11) bis(2-Chloroethyl)ether	7.47	93	116316	39.150	ng		93
12) 1,3-Dichlorobenzene	7.94	146	147894	38.249	ng		99
13) 1,4-Dichlorobenzene	8.09	146	149251	38.721	ng		98
14) 1,2-Dichlorobenzene	8.41	146	143783	39.182	ng		95
15) Benzyl Alcohol	8.29	79	120549	38.310	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	157821	27.660	ng		93
17) 2-Methylphenol	8.50	107	109159	40.627	ng		98
18) Hexachloroethane	9.14	117	52819	36.385	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	95569	34.775	ng		96
20) 3+4-Methylphenols	8.83	107	152254	41.350	ng		96
22) Acetophenone	8.87	105	190982	37.927	ng	#	97
24) Nitrobenzene	9.25	77	148817	38.819	ng		98
25) Isophorone	9.78	82	272396	38.585	ng		96
26) 2-Nitrophenol	9.97	139	76303	46.755	ng		98
27) 2,4-Dimethylphenol	10.03	122	121666	48.545	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	150974	37.692	ng		99
29) 2,4-Dichlorophenol	10.51	162	139903	44.884	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	160035	39.758	ng		97
31) Naphthalene	10.91	128	404776	42.092	ng		99
32) Benzoic acid	10.18	122	64409	35.178	ng		98
33) 4-Chloroaniline	11.02	127	74595	17.877	ng		95
34) Hexachlorobutadiene	11.19	225	113333	37.603	ng		98
35) Caprolactam	11.78	113	43122m	39.230	ng		
36) 4-Chloro-3-methylphenol	12.15	107	148773	43.898	ng		99
37) 2-Methylnaphthalene	12.51	142	302811	41.277	ng		95
38) 1-Methylnaphthalene	12.73	142	284298	40.956	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	199471	38.617	ng		100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043253.D
Acq On : 16 Oct 2019 20:14
Operator : JU
Sample : K5374-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:03 AM

Quant Time: Oct 17 02:22:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	269994	82.038	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	127429	42.149	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	140595	45.143	ng		98
46) 1,1'-Biphenyl	13.51	154	411934	39.541	ng		97
47) 2-Chloronaphthalene	13.56	162	313588	40.148	ng		98
48) 2-Nitroaniline	13.76	65	96438	37.128	ng		93
49) Acenaphthylene	14.40	152	507765	42.484	ng		98
50) Dimethylphthalate	14.13	163	556698	54.084	ng		99
51) 2,6-Dinitrotoluene	14.25	165	92948	42.403	ng		93
52) Acenaphthene	14.74	154	300993	37.624	ng		99
53) 3-Nitroaniline	14.58	138	57751	25.493	ng		98
54) 2,4-Dinitrophenol	14.79	184	117535	86.263	ng		94
55) Dibenzofuran	15.08	168	492319	41.601	ng		99
56) 4-Nitrophenol	14.91	139	143850	83.341	ng		96
57) 2,4-Dinitrotoluene	15.04	165	132708	41.342	ng		96
58) Fluorene	15.72	166	409378	40.518	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	138321	41.712	ng		98
60) Diethylphthalate	15.49	149	399606	38.147	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	234033	38.623	ng		99
62) 4-Nitroaniline	15.75	138	93531	37.857	ng		97
63) Azobenzene	16.01	77	349431	36.639	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	85088	48.165	ng		91
66) n-Nitrosodiphenylamine	15.93	169	362251	43.955	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	166007	42.367	ng		91
68) Hexachlorobenzene	16.73	284	184470	42.283	ng		96
69) Atrazine	16.88	200	136797	39.418	ng		97
70) Pentachlorophenol	17.08	266	214899	85.364	ng		97
71) Phenanthrene	17.47	178	651205	42.726	ng		98
72) Anthracene	17.56	178	673953	44.293	ng		99
73) Carbazole	17.83	167	604079	42.813	ng		98
74) Di-n-butylphthalate	18.38	149	696112	41.350	ng		98
75) Fluoranthene	19.47	202	871260	43.218	ng		98
77) Benzidine	19.66	184	397505	47.621	ng		100
78) Pyrene	19.84	202	874656	43.957	ng		99
80) Butylbenzylphthalate	20.72	149	311578	41.254	ng		99
81) Benzo(a)anthracene	21.68	228	874389	42.094	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	254991	31.298	ng		98
83) Chrysene	21.75	228	844741	41.906	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	444455	41.356	ng		99
85) Di-n-octyl phthalate	22.80	149	763901	43.468	ng		96
86) Indeno(1,2,3-cd)pyrene	28.61	276	1127257	44.920	ng	#	98
88) Benzo(b)fluoranthene	23.90	252	927536	40.579	ng		99
89) Benzo(k)fluoranthene	23.97	252	926898	40.990	ng		97
90) Benzo(a)pyrene	24.78	252	917938	42.565	ng		99
91) Dibenzo(a,h)anthracene	28.67	278	948601	42.897	ng		99
92) Benzo(g,h,i)perylene	29.76	276	936496	43.708	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043253.D
Acq On : 16 Oct 2019 20:14
Operator : JU
Sample : K5374-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 17 02:22:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-1MSD

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:03 AM