Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
Data File : BG041750.D
Acq On : 22 Jul 2019 15:22
Operator : HP/JU
Sample : K3916-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Manual Integrations APPROVED
mohammad
7/23/2019 4:24:05 PM

Quant Time: Jul 23 06:34:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86444	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	348762	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	246953	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	527045	20.00	ng		0.00
76) Chrysene-d12	21.65	240	559093	20.00	ng		-0.01
87) Perylene-d12	24.84	264	666021	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	688078	130.12	ng		0.00
7) Phenol-d6	7.20	99	939371	132.07	ng		0.00
23) Nitrobenzene-d5	9.20	82	573103	99.93	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	456620	164.07	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1438613	90.21	ng		-0.01
79) Terphenyl-d14	20.01	244	2121380	88.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	73671	29.334	ng		98
3) Pyridine	3.88	79	188777	28.159	ng		97
4) n-Nitrosodimethylamine	3.80	42	103512	33.435	ng		97
6) Aniline	7.36	93	232050	24.275	ng		99
8) 2-Chlorophenol	7.61	128	247536	41.350	ng		98
9) Benzaldehyde	7.17	77	117474	24.183	ng		95
10) Phenol	7.23	94	304214	40.597	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	222586	36.779	ng		100
12) 1,3-Dichlorobenzene	7.94	146	279523	39.132	ng		98
13) 1,4-Dichlorobenzene	8.08	146	284818	39.816	ng		98
14) 1,2-Dichlorobenzene	8.40	146	266499	39.514	ng		95
15) Benzyl Alcohol	8.28	79	216961	38.316	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	416723	33.230	ng		99
17) 2-Methylphenol	8.48	107	214507	41.393	ng		98
18) Hexachloroethane	9.14	117	98918	37.754	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	191820	36.899	ng		95
20) 3+4-Methylphenols	8.81	107	298001	41.963	ng		99
22) Acetophenone	8.86	105	363503	42.794	ng	#	95
24) Nitrobenzene	9.24	77	269797	43.127	ng		100
25) Isophorone	9.77	82	516039	41.094	ng		98
26) 2-Nitrophenol	9.96	139	139359	48.504	ng		95
27) 2,4-Dimethylphenol	10.01	122	243617	49.032	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	318264	41.121	ng		100
29) 2,4-Dichlorophenol	10.49	162	278697	49.198	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	304776	45.821	ng		97
31) Naphthalene	10.91	128	763178	44.448	ng		97
32) Benzoic acid	10.09	122	41082	15.539	ng		95
33) 4-Chloroaniline	11.00	127	217453	27.456	ng		97
34) Hexachlorobutadiene	11.19	225	197211	46.131	ng		100
35) Caprolactam	11.76	113	99941m	47.998	ng		
36) 4-Chloro-3-methylphenol	12.12	107	280891	47.332	ng		98
37) 2-Methylnaphthalene	12.50	142	602606	45.937	ng		99
38) 1-Methylnaphthalene	12.72	142	569987	45.576	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	383722	45.362	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
Data File : BG041750.D
Acq On : 22 Jul 2019 15:22
Operator : HP/JU
Sample : K3916-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Manual Integrations APPROVED
mohammad
7/23/2019 4:24:05 PM

Quant Time: Jul 23 06:34:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	478552	100.009	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	255004	46.395	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	273371	47.206	ng		96
46) 1,1'-Biphenyl	13.50	154	772771	41.768	ng		98
47) 2-Chloronaphthalene	13.54	162	633369	41.076	ng		99
48) 2-Nitroaniline	13.73	65	186478	41.537	ng		96
49) Acenaphthylene	14.39	152	1002583	41.651	ng		97
50) Dimethylphthalate	14.12	163	901631	46.487	ng		98
51) 2,6-Dinitrotoluene	14.22	165	191702	46.598	ng		93
52) Acenaphthene	14.73	154	650560	42.887	ng		99
53) 3-Nitroaniline	14.55	138	149740	33.343	ng		93
54) 2,4-Dinitrophenol	14.75	184	127973	63.332	ng		91
55) Dibenzofuran	15.06	168	980538	43.076	ng		97
56) 4-Nitrophenol	14.86	139	340857	93.746	ng		97
57) 2,4-Dinitrotoluene	15.01	165	264360	48.612	ng		96
58) Fluorene	15.71	166	786103	42.442	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	273270	51.115	ng		93
60) Diethylphthalate	15.48	149	800523	40.970	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	456563	43.608	ng		99
62) 4-Nitroaniline	15.72	138	198002	41.571	ng		96
63) Azobenzene	15.99	77	669713	37.912	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	141575	55.392	ng		95
66) n-Nitrosodiphenylamine	15.91	169	734726	47.471	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	307427	49.022	ng		98
68) Hexachlorobenzene	16.72	284	308883	48.913	ng		97
69) Atrazine	16.86	200	301127	53.613	ng		97
70) Pentachlorophenol	17.05	266	423392	107.228	ng		98
71) Phenanthrene	17.44	178	1256232	47.330	ng		99
72) Anthracene	17.54	178	1291974	48.833	ng		97
73) Carbazole	17.80	167	1141204	46.509	ng		98
74) Di-n-butylphthalate	18.36	149	1252428	41.850	ng		99
75) Fluoranthene	19.45	202	1494975	45.870	ng		95
77) Benzidine	19.62	184	813780	41.789	ng		98
78) Pyrene	19.81	202	1536475	40.633	ng		95
80) Butylbenzylphthalate	20.69	149	617447	39.295	ng		94
81) Benzo(a)anthracene	21.63	228	1574228	43.579	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	206377	14.518	ng		98
83) Chrysene	21.70	228	1525893	44.207	ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	906637	40.866	ng		98
85) Di-n-octyl phthalate	22.76	149	1560494	41.303	ng		95
86) Indeno(1,2,3-cd)pyrene	28.48	276	2050475	45.021	ng	#	91
88) Benzo(b)fluoranthene	23.84	252	1775899	43.959	ng		96
89) Benzo(k)fluoranthene	23.90	252	1681029	44.906	ng	#	97
90) Benzo(a)pyrene	24.69	252	1745531	45.667	ng	#	97
91) Dibenzo(a,h)anthracene	28.55	278	1686957	45.519	ng		96
92) Benzo(g,h,i)perylene	29.62	276	1691918	45.556	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
Data File : BG041750.D
Acq On : 22 Jul 2019 15:22
Operator : HP/JU
Sample : K3916-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 23 06:34:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Manual Integrations APPROVED
mohammad
7/23/2019 4:24:05 PM