Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
Data File : BG041839.D
Acq On : 31 Jul 2019 18:50
Operator : HP/JU
Sample : K3621-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-072919MSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:10:16 PM

Quant Time: Aug 01 02:25:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29289	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	154056	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	175008	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	609525	20.00	ng		0.00
76) Chrysene-d12	21.74	240	695381	20.00	ng		0.00
87) Perylene-d12	25.01	264	770428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	251277	166.92	ng		0.00
7) Phenol-d6	7.19	99	377852	186.18	ng		0.00
23) Nitrobenzene-d5	9.20	82	249154	111.30	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	477626	240.27	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	850027	85.67	ng		0.00
79) Terphenyl-d14	20.07	244	2920532	96.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	18431	26.013	ng	#	47
3) Pyridine	3.88	79	74031	38.102	ng		90
4) n-Nitrosodimethylamine	3.78	42	33414	43.381	ng	#	88
6) Aniline	7.35	93	93847	32.840	ng		94
8) 2-Chlorophenol	7.60	128	109120	63.302	ng		92
9) Benzaldehyde	7.17	77	56345	39.456	ng		93
10) Phenol	7.22	94	127336	60.309	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	84393	48.620	ng		93
12) 1,3-Dichlorobenzene	7.94	146	91672	40.746	ng		97
13) 1,4-Dichlorobenzene	8.08	146	97520	43.319	ng		95
14) 1,2-Dichlorobenzene	8.40	146	98990	46.083	ng		94
15) Benzyl Alcohol	8.28	79	112350	70.366	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	135785	43.970	ng		98
17) 2-Methylphenol	8.48	107	102719	66.895	ng		98
18) Hexachloroethane	9.14	117	31086	40.324	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	88558	60.103	ng		94
20) 3+4-Methylphenols	8.81	107	151059	71.889	ng		99
22) Acetophenone	8.86	105	169575	49.211	ng	#	92
24) Nitrobenzene	9.25	77	122935	52.126	ng		99
25) Isophorone	9.77	82	277676	57.019	ng		99
26) 2-Nitrophenol	9.97	139	69598	63.584	ng		95
27) 2,4-Dimethylphenol	10.03	122	131629	68.136	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	148371	48.755	ng		98
29) 2,4-Dichlorophenol	10.51	162	156924	66.703	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	131979	44.239	ng		97
31) Naphthalene	10.91	128	358353	50.825	ng		97
32) Benzoic acid	10.13	122	52376	39.778	ng		90
33) 4-Chloroaniline	11.02	127	48322	14.452	ng		97
34) Hexachlorobutadiene	11.21	225	74917	37.208	ng		95
35) Caprolactam	11.83	113	85866m	105.024	ng		
36) 4-Chloro-3-methylphenol	12.14	107	202909	86.997	ng		98
37) 2-Methylnaphthalene	12.52	142	327411	58.666	ng		98
38) 1-Methylnaphthalene	12.75	142	319656	60.440	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	208858	37.702	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
Data File : BG041839.D
Acq On : 31 Jul 2019 18:50
Operator : HP/JU
Sample : K3621-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:10:16 PM

Quant Time: Aug 01 02:25:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	185583	59.585	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	183392	52.378	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	222712	61.209	ng		97
46) 1,1'-Biphenyl	13.54	154	478304	42.516	ng		94
47) 2-Chloronaphthalene	13.58	162	402162	41.987	ng		96
48) 2-Nitroaniline	13.77	65	158310	65.169	ng		89
49) Acenaphthylene	14.42	152	731178	51.033	ng		97
50) Dimethylphthalate	14.15	163	702706	58.793	ng		98
51) 2,6-Dinitrotoluene	14.26	165	173106	69.263	ng	#	85
52) Acenaphthene	14.76	154	487289	52.293	ng		98
53) 3-Nitroaniline	14.59	138	76959	28.783	ng		85
54) 2,4-Dinitrophenol	14.80	184	120111	79.426	ng		87
55) Dibenzofuran	15.10	168	775977	54.443	ng		95
56) 4-Nitrophenol	14.90	139	411623	202.814	ng		95
57) 2,4-Dinitrotoluene	15.05	165	284210	82.691	ng		92
58) Fluorene	15.75	166	687201	60.079	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	278940	77.404	ng	#	92
60) Diethylphthalate	15.52	149	759182	64.697	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	381239	54.596	ng		95
62) 4-Nitroaniline	15.76	138	251431	86.819	ng		97
63) Azobenzene	16.03	77	570089	59.474	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	137327	46.314	ng		83
66) n-Nitrosodiphenylamine	15.96	169	713457	42.971	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	301050	40.096	ng		98
68) Hexachlorobenzene	16.76	284	326661	41.587	ng		94
69) Atrazine	16.90	200	369837	56.694	ng		100
70) Pentachlorophenol	17.10	266	370652	83.065	ng		98
71) Phenanthrene	17.50	178	1456257	49.844	ng		97
72) Anthracene	17.58	178	1504882	51.646	ng		97
73) Carbazole	17.85	167	1594807	60.980	ng		98
74) Di-n-butylphthalate	18.42	149	1712907	57.772	ng		98
75) Fluoranthene	19.50	202	2182650	61.461	ng		98
77) Benzidine	19.68	184	330016	14.540	ng		95
78) Pyrene	19.87	202	2206836	53.564	ng		100
80) Butylbenzylphthalate	20.76	149	905128	57.300	ng		90
81) Benzo(a)anthracene	21.72	228	1996905	48.537	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	378576	22.919	ng	#	97
83) Chrysene	21.78	228	1959739	49.692	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	1168260	53.616	ng		98
85) Di-n-octyl phthalate	22.87	149	1839481	50.162	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2531269	48.486	ng	#	95
88) Benzo(b)fluoranthene	23.97	252	2105807	49.965	ng		98
89) Benzo(k)fluoranthene	24.05	252	2067001	50.348	ng	#	97
90) Benzo(a)pyrene	24.86	252	2096622	51.870	ng	#	98
91) Dibenzo(a,h)anthracene	28.83	278	2062181	51.958	ng	#	97
92) Benzo(g,h,i)perylene	29.93	276	2103057	53.036	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
Data File : BG041839.D
Acq On : 31 Jul 2019 18:50
Operator : HP/JU
Sample : K3621-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 02:25:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:10:16 PM