Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040866.D
Acq On : 11 May 2019 4:16
Operator : HP/JU
Sample : K2750-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11995MSD

Quant Time: May 11 06:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46873	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	202638	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	159821	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	416317	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	419053	20.00	ng		-0.03
87) Perylene-d12	25.14	264	445299	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	336490	126.54	ng		-0.02
7) Phenol-d6	7.27	99	479894	117.21	ng		-0.02
23) Nitrobenzene-d5	9.31	82	382068	87.12	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	330524	150.46	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	900164	81.34	ng		-0.03
79) Terphenyl-d14	20.10	244	1742051	92.10	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	37999	31.422	ng	#	32
3) Pyridine	3.95	79	81600	23.280	ng		98
4) n-Nitrosodimethylamine	3.87	42	63738	32.784	ng		90
6) Aniline	7.46	93	76341	14.068	ng		98
8) 2-Chlorophenol	7.69	128	137789	42.438	ng		96
9) Benzaldehyde	7.27	77	43037	13.174	ng		98
10) Phenol	7.30	94	164757	37.436	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	126934	38.462	ng		97
12) 1,3-Dichlorobenzene	8.02	146	116761	32.947	ng		96
13) 1,4-Dichlorobenzene	8.17	146	119517	33.268	ng		96
14) 1,2-Dichlorobenzene	8.49	146	121498	35.068	ng		95
15) Benzyl Alcohol	8.37	79	163057	38.276	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	209024	31.812	ng		93
17) 2-Methylphenol	8.57	107	132802	42.639	ng		95
18) Hexachloroethane	9.22	117	44726	30.350	ng		94
19) n-Nitroso-di-n-propylamine	8.94	70	133710	36.280	ng	#	93
20) 3+4-Methylphenols	8.90	107	182512	42.065	ng		99
22) Acetophenone	8.97	105	238639	42.351	ng	#	92
24) Nitrobenzene	9.35	77	198518	42.426	ng		96
25) Isophorone	9.87	82	390408	39.965	ng		97
26) 2-Nitrophenol	10.06	139	82734	49.327	ng		98
27) 2,4-Dimethylphenol	10.11	122	152229	48.373	ng		96
28) bis(2-Chloroethoxy)methane	10.35	93	196847	40.163	ng		99
29) 2,4-Dichlorophenol	10.59	162	174167	48.681	ng		93
30) 1,2,4-Trichlorobenzene	10.81	180	163935	41.320	ng		98
31) Naphthalene	11.01	128	418867	38.908	ng		98
32) Benzoic acid	10.18	122	27210	12.630	ng	#	85
33) 4-Chloroaniline	11.12	127	16641	3.486	ng	#	96
34) Hexachlorobutadiene	11.27	225	113048	38.595	ng		98
35) Caprolactam	11.90	113	44789m	31.709	ng		
36) 4-Chloro-3-methylphenol	12.22	107	209761	46.476	ng		99
37) 2-Methylnaphthalene	12.60	142	342227	42.517	ng		97
38) 1-Methylnaphthalene	12.82	142	329220	41.845	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	246082	41.332	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040866.D
Acq On : 11 May 2019 4:16
Operator : HP/JU
Sample : K2750-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11995MSD

Quant Time: May 11 06:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	296149	84.296	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	170977	47.522	ng		97
44) 2,4,5-Trichlorophenol	13.27	196	189392	48.322	ng		97
46) 1,1'-Biphenyl	13.60	154	482540	38.887	ng		95
47) 2-Chloronaphthalene	13.65	162	396117	40.791	ng		96
48) 2-Nitroaniline	13.85	65	151802	43.915	ng		95
49) Acenaphthylene	14.49	152	633172	38.431	ng		99
50) Dimethylphthalate	14.21	163	571779	42.760	ng		98
51) 2,6-Dinitrotoluene	14.34	165	124743	47.798	ng		94
52) Acenaphthene	14.83	154	371141	38.681	ng		97
53) 3-Nitroaniline	14.67	138	43490	16.264	ng	#	90
54) 2,4-Dinitrophenol	14.88	184	63228	46.205	ng		92
55) Dibenzofuran	15.16	168	648902	41.290	ng		100
56) 4-Nitrophenol	14.97	139	180559	77.872	ng	#	88
57) 2,4-Dinitrotoluene	15.12	165	177311	49.999	ng	#	90
58) Fluorene	15.81	166	521110	41.025	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	201688	51.126	ng		95
60) Diethylphthalate	15.56	149	587711	41.657	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	331990	44.938	ng		96
62) 4-Nitroaniline	15.83	138	116304	38.882	ng		97
63) Azobenzene	16.09	77	539134	37.106	ng		97
65) 4,6-Dinitro-2-methylphenol	15.88	198	65842	34.450	ng		86
66) n-Nitrosodiphenylamine	16.01	169	487443	39.796	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	219783	42.374	ng		93
68) Hexachlorobenzene	16.80	284	231625	43.189	ng		95
69) Atrazine	16.95	200	199862	41.185	ng		98
70) Pentachlorophenol	17.14	266	242792	77.364	ng		98
71) Phenanthrene	17.55	178	908700	40.524	ng		98
72) Anthracene	17.64	178	933677	41.424	ng		99
73) Carbazole	17.91	167	818513	39.858	ng		99
74) Di-n-butylphthalate	18.44	149	990321	39.955	ng		99
75) Fluoranthene	19.55	202	1202694	43.040	ng		99
77) Benzidine	19.74	184	28474m	2.482	ng		
78) Pyrene	19.91	202	1205397	45.895	ng		98
80) Butylbenzylphthalate	20.78	149	456936	44.637	ng		92
81) Benzo(a)anthracene	21.77	228	1148737	43.374	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	162703	17.236	ng		96
83) Chrysene	21.84	228	1135341	45.076	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	620723	42.007	ng		95
85) Di-n-octyl phthalate	22.89	149	1051018	42.234	ng		96
86) Indeno(1,2,3-cd)pyrene	28.98	276	1367205	44.896	ng	#	91
88) Benzo(b)fluoranthene	24.07	252	1165225	42.821	ng		97
89) Benzo(k)fluoranthene	24.14	252	1149093m	45.217	ng		
90) Benzo(a)pyrene	24.98	252	1139242	44.229	ng		99
91) Dibenzo(a,h)anthracene	29.06	278	1137126	43.624	ng	#	97
92) Benzo(g,h,i)perylene	30.21	276	1139178	43.912	ng		96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040866.D
Acq On : 11 May 2019 4:16
Operator : HP/JU
Sample : K2750-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11995MSD

Quant Time: May 11 06:48:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration