Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028689.D
Acq On : 13 Sep 2017 3:44
Operator : SJ/JU
Sample : I5189-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-03-090817MSD

Quant Time: Sep 13 05:24:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	25926	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	115824	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	89382	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	244593	20.00	ng		0.00
75) Chrysene-d12	22.03	240	286031	20.00	ng		0.00
86) Perylene-d12	25.53	264	284989	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	128452	81.75	ng		0.00
7) Phenol-d6	7.49	99	114500	48.40	ng		0.00
23) Nitrobenzene-d5	9.50	82	253236	104.59	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	262226	177.38	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	650017	96.97	ng		0.00
78) Terphenyl-d14	20.28	244	1341929	100.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	12352	19.413	ng		91
3) Pyridine	4.23	79	26810	14.771	ng		96
4) n-Nitrosodimethylamine	4.15	42	17861	21.633	ng	#	69
6) Aniline	7.66	93	65628	23.837	ng		96
8) 2-Chlorophenol	7.90	128	76577	43.719	ng		96
9) Benzaldehyde	7.47	77	67668	46.105	ng		95
10) Phenol	7.52	94	39770	15.929	ng		86
11) bis(2-Chloroethyl)ether	7.74	93	88850	49.569	ng		96
12) 1,3-Dichlorobenzene	8.22	146	86990	46.122	ng		91
13) 1,4-Dichlorobenzene	8.37	146	90383	46.603	ng		95
14) 1,2-Dichlorobenzene	8.69	146	87394	45.612	ng		96
15) Benzyl Alcohol	8.57	79	58884	31.886	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.84	45	161385	49.540	ng		98
17) 2-Methylphenol	8.77	107	59117	36.236	ng		94
18) Hexachloroethane	9.41	117	33094	46.557	ng		93
19) n-Nitroso-di-n-propylamine	9.13	70	86276	51.447	ng	#	84
20) 3+4-Methylphenols	9.10	107	74386	32.598	ng		90
22) Acetophenone	9.15	105	155787	46.001	ng	#	89
24) Nitrobenzene	9.54	77	127026	47.379	ng		96
25) Isophorone	10.06	82	240757	49.143	ng		98
26) 2-Nitrophenol	10.26	139	52709	46.193	ng		90
27) 2,4-Dimethylphenol	10.30	122	86497	41.470	ng		98
28) bis(2-Chloroethoxy)methane	10.53	93	134925	50.715	ng		97
29) 2,4-Dichlorophenol	10.80	162	99334	47.866	ng		92
30) 1,2,4-Trichlorobenzene	11.01	180	110379	46.624	ng		96
31) Naphthalene	11.20	128	297588	49.194	ng		96
32) Benzoic acid	10.42	122	12856	13.665	ng	#	82
33) 4-Chloroaniline	11.31	127	71235	28.110	ng		91
34) Hexachlorobutadiene	11.47	225	74552	42.754	ng		97
35) Caprolactam	12.09	113	6768	9.094	ng	#	59
36) 4-Chloro-3-methylphenol	12.41	107	120600	44.654	ng	#	92
37) 2-Methylnaphthalene	12.78	142	244062	54.039	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	154988	42.172	ng		97
40) Hexachlorocyclopentadiene	13.11	237	137036	94.465	ng		92

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028689.D
Acq On : 13 Sep 2017 3:44
Operator : SJ/JU
Sample : I5189-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-03-090817MSD

Quant Time: Sep 13 05:24:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	108380	46.464	ng		95
43) 2,4,5-Trichlorophenol	13.46	196	117092	49.958	ng	#	90
45) 1,1'-Biphenyl	13.77	154	338119	45.689	ng		99
46) 2-Chloronaphthalene	13.83	162	262591	48.648	ng		98
47) 2-Nitroaniline	14.03	65	110423	55.044	ng		93
48) Acenaphthylene	14.67	152	430514	49.923	ng		99
49) Dimethylphthalate	14.38	163	392036	52.305	ng		98
50) 2,6-Dinitrotoluene	14.51	165	89325	53.560	ng		85
51) Acenaphthene	15.01	154	265814	50.742	ng		93
52) 3-Nitroaniline	14.85	138	49511	33.570	ng		92
53) 2,4-Dinitrophenol	15.07	184	89954	100.125	ng		94
54) Dibenzofuran	15.34	168	464627	55.617	ng		93
55) 4-Nitrophenol	15.16	139	43566	40.319	ng	#	77
56) 2,4-Dinitrotoluene	15.31	165	135430	57.752	ng	#	89
57) Fluorene	15.99	166	402817	54.010	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.56	232	120139	58.159	ng	#	95
59) Diethylphthalate	15.74	149	422149	54.807	ng		98
60) 4-Chlorophenyl-phenylether	15.97	204	222171	52.314	ng		90
61) 4-Nitroaniline	16.02	138	83892	53.692	ng	#	84
62) Azobenzene	16.26	77	385571	59.520	ng		91
64) 4,6-Dinitro-2-methylphenol	16.08	198	74826	47.410	ng		95
65) n-Nitrosodiphenylamine	16.19	169	351366	50.112	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	159486	50.675	ng		92
67) Hexachlorobenzene	17.00	284	170930	47.719	ng	#	90
68) Atrazine	17.13	200	159165	52.868	ng		98
69) Pentachlorophenol	17.35	266	159232	98.386	ng		93
70) Phenanthrene	17.74	178	676108	54.054	ng		96
71) Anthracene	17.83	178	684905	54.206	ng		98
72) Carbazole	18.10	167	604263	53.100	ng		95
73) Di-n-butylphthalate	18.62	149	729642	52.292	ng	#	94
74) Fluoranthene	19.74	202	854273	55.936	ng		93
76) Benzidine	19.91	184	154689	20.855	ng		93
77) Pyrene	20.10	202	869903	52.727	ng		96
79) Butylbenzylphthalate	20.96	149	336817	50.549	ng		90
80) Benzo(a)anthracene	22.01	228	912305	52.988	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	279776	40.080	ng	#	96
82) Chrysene	22.08	228	847926	51.905	ng		96
83) Bis(2-ethylhexyl)phthalate	21.86	149	485947	51.299	ng		97
84) Di-n-octyl phthalate	23.16	149	833297	50.349	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.57	276	1094825	52.160	ng	#	99
87) Benzo(b)fluoranthene	24.41	252	929037	54.411	ng	#	98
88) Benzo(k)fluoranthene	24.48	252	908512	53.269	ng		94
89) Benzo(a)pyrene	25.37	252	894679	55.204	ng		96
90) Dibenzo(a,h)anthracene	29.62	278	924289	54.702	ng		99
91) Benzo(g,h,i)perylene	30.83	276	892024	54.106	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028689.D
Acq On : 13 Sep 2017 3:44
Operator : SJ/JU
Sample : I5189-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-090817MSD

Quant Time: Sep 13 05:24:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration