Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030993.D
Acq On : 14 Nov 2017 4:06
Operator : SJ/JU
Sample : I6300-04MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111017MS

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:42 PM

Quant Time: Nov 14 07:29:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	49412	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	204019	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	140077	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	358085	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	434979	20.00	ng		0.00
86) Perylene-d12	25.07	264	449628	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	364480	126.49	ng		0.00
7) Phenol-d6	7.31	99	430682	110.94	ng		0.00
23) Nitrobenzene-d5	9.31	82	309751	89.97	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	347048	153.16	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	914764	93.84	ng		-0.01
78) Terphenyl-d14	20.09	244	1750733	88.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	37312	31.908	ng	#	85
3) Pyridine	3.98	79	83334	24.547	ng		88
4) n-Nitrosodimethylamine	3.88	42	55346	34.399	ng	#	87
6) Aniline	7.47	93	101067	19.782	ng		96
8) 2-Chlorophenol	7.71	128	147021	46.233	ng		87
9) Benzaldehyde	7.28	77	58322	21.469	ng		89
10) Phenol	7.34	94	154794	38.396	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	133263	41.399	ng		87
12) 1,3-Dichlorobenzene	8.04	146	164104	43.985	ng		95
13) 1,4-Dichlorobenzene	8.18	146	164893	43.614	ng		97
14) 1,2-Dichlorobenzene	8.50	146	159569	43.973	ng		96
15) Benzyl Alcohol	8.38	79	128052	41.122	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.66	45	188267	52.950	ng		89
17) 2-Methylphenol	8.59	107	121626	43.323	ng		98
18) Hexachloroethane	9.23	117	58219	44.244	ng		90
19) n-Nitroso-di-n-propylamine	8.95	70	112023	37.952	ng	#	94
20) 3+4-Methylphenols	8.92	107	166333	41.666	ng		98
22) Acetophenone	8.96	105	219404	43.191	ng	#	94
24) Nitrobenzene	9.35	77	163959	46.619	ng		91
25) Isophorone	9.87	82	309057	46.027	ng	#	92
26) 2-Nitrophenol	10.07	139	87043	47.481	ng		88
27) 2,4-Dimethylphenol	10.12	122	142385	52.317	ng		95
28) bis(2-Chloroethoxy)methane	10.35	93	187831	44.414	ng		94
29) 2,4-Dichlorophenol	10.61	162	169178	51.766	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	192613	49.365	ng		96
31) Naphthalene	11.01	128	447500	44.619	ng		98
32) Benzoic acid	10.26	122	45860	23.507	ng		92
33) 4-Chloroaniline	11.13	127	23976	5.461	ng		92
34) Hexachlorobutadiene	11.29	225	134584	49.736	ng		97
35) Caprolactam	11.89	113	40009m	29.968	ng		
36) 4-Chloro-3-methylphenol	12.24	107	166118	46.702	ng		89
37) 2-Methylnaphthalene	12.60	142	362028	46.759	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	251677	45.269	ng	#	95
40) Hexachlorocyclopentadiene	12.94	237	204826	97.002	ng		93

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030993.D
Acq On : 14 Nov 2017 4:06
Operator : SJ/JU
Sample : I6300-04MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111017MS

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:42 PM

Quant Time: Nov 14 07:29:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	159788	50.276	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	175338	50.422	ng	#	92
45) 1,1'-Biphenyl	13.59	154	495128	42.626	ng		98
46) 2-Chloronaphthalene	13.65	162	396458	47.306	ng		96
47) 2-Nitroaniline	13.85	65	109907	44.245	ng	#	79
48) Acenaphthylene	14.49	152	598724	43.649	ng		99
49) Dimethylphthalate	14.21	163	540900	44.660	ng	#	98
50) 2,6-Dinitrotoluene	14.33	165	123684	49.545	ng	#	75
51) Acenaphthene	14.83	154	379252	44.270	ng		98
52) 3-Nitroaniline	14.67	138	52803	19.920	ng	#	72
53) 2,4-Dinitrophenol	14.88	184	58599	45.405	ng	#	48
54) Dibenzofuran	15.16	168	636483	46.645	ng		99
55) 4-Nitrophenol	14.99	139	153652	81.375	ng	#	87
56) 2,4-Dinitrotoluene	15.12	165	175854	48.727	ng	#	73
57) Fluorene	15.80	166	509490	45.991	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	183415	55.342	ng	#	86
59) Diethylphthalate	15.56	149	535055	43.491	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	318399	47.589	ng		90
61) 4-Nitroaniline	15.83	138	114857	40.921	ng		93
62) Azobenzene	16.09	77	412150	43.927	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	73931	31.061	ng	#	73
65) n-Nitrosodiphenylamine	16.00	169	476283	43.894	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	226195	49.874	ng		93
67) Hexachlorobenzene	16.81	284	243734	50.578	ng	#	88
68) Atrazine	16.95	200	202492	45.229	ng		96
69) Pentachlorophenol	17.15	266	232752	87.376	ng		98
70) Phenanthrene	17.54	178	876369	47.004	ng		99
71) Anthracene	17.64	178	895846	47.953	ng		99
72) Carbazole	17.90	167	800768	45.746	ng		99
73) Di-n-butylphthalate	18.44	149	925354	43.054	ng		100
74) Fluoranthene	19.55	202	1170333	49.577	ng		95
76) Benzidine	19.72	184	182272	13.045	ng		99
77) Pyrene	19.90	202	1201993	46.568	ng		99
79) Butylbenzylphthalate	20.77	149	445958	43.333	ng	#	84
80) Benzo(a)anthracene	21.76	228	1257098	46.526	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	254787	23.361	ng	#	98
82) Chrysene	21.83	228	1173071	46.935	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	620567	41.773	ng	#	98
84) Di-n-octyl phthalate	22.87	149	1044201	43.186	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1497624	49.289	ng	#	93
87) Benzo(b)fluoranthene	24.02	252	1286145	47.288	ng	#	97
88) Benzo(k)fluoranthene	24.09	252	1269615	47.095	ng	#	96
89) Benzo(a)pyrene	24.93	252	1245857	48.219	ng	#	96
90) Dibenzo(a,h)anthracene	28.92	278	1249632	47.318	ng	#	96
91) Benzo(g,h,i)perylene	30.06	276	1250014	48.768	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030993.D
Acq On : 14 Nov 2017 4:06
Operator : SJ/JU
Sample : I6300-04MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 14 07:29:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OR-03-111017MS

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:42 PM