Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032597.D
Acq On : 7 Feb 2018 17:12
Operator : SJ/JU
Sample : J1400-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-01-020618-AMS

Manual Integrations APPROVED
Sohil
2/8/2018 3:36:44 PM

Quant Time: Feb 08 03:28:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	16262	20.00	ng		-0.02
21) Naphthalene-d8	11.56	136	83991	20.00	ng		-0.02
38) Acenaphthene-d10	15.33	164	57849	20.00	ng		-0.01
63) Phenanthrene-d10	18.07	188	113874	20.00	ng		0.00
75) Chrysene-d12	22.40	240	194448	20.00	ng		0.00
86) Perylene-d12	26.08	264	213314	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	128426	158.62	ng		-0.01
7) Phenol-d6	7.81	99	151678	140.39	ng		-0.01
23) Nitrobenzene-d5	9.89	82	102684	76.36	ng		-0.02
41) 2,4,6-Tribromophenol	16.81	330	188447	171.14	ng		0.00
44) 2-Fluorobiphenyl	13.96	172	451360	92.74	ng		-0.01
78) Terphenyl-d14	20.61	244	898370	98.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	11585	42.529	ng	#	69
3) Pyridine	4.25	79	27862	37.880	ng	#	86
4) n-Nitrosodimethylamine	4.16	42	18461	48.214	ng	#	63
6) Aniline	7.99	93	9327	6.924	ng		92
8) 2-Chlorophenol	8.24	128	54398	56.840	ng		82
9) Benzaldehyde	7.79	77	12470	22.347	ng		90
10) Phenol	7.84	94	45235	44.089	ng		92
11) bis(2-Chloroethyl)ether	8.08	93	36247	46.367	ng	#	72
12) 1,3-Dichlorobenzene	8.57	146	51378	39.697	ng		94
13) 1,4-Dichlorobenzene	8.73	146	49775	38.370	ng		94
14) 1,2-Dichlorobenzene	9.06	146	51061	40.181	ng		95
15) Benzyl Alcohol	8.93	79	33088	37.160	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.22	45	30754	41.516	ng		71
17) 2-Methylphenol	9.13	107	31843	38.213	ng		89
18) Hexachloroethane	9.80	117	17745	40.743	ng		89
19) n-Nitroso-di-n-propylamine	9.50	70	27736	38.719	ng	#	87
20) 3+4-Methylphenols	9.47	107	44498	38.070	ng		97
22) Acetophenone	9.53	105	63489	32.247	ng	#	94
24) Nitrobenzene	9.93	77	41414	31.849	ng	#	85
25) Isophorone	10.45	82	82494	36.029	ng	#	86
26) 2-Nitrophenol	10.66	139	31822	40.484	ng	#	72
27) 2,4-Dimethylphenol	10.69	122	50025	44.340	ng		92
28) bis(2-Chloroethoxy)methane	10.94	93	55072	43.862	ng	#	97
29) 2,4-Dichlorophenol	11.20	162	64900	43.424	ng		92
30) 1,2,4-Trichlorobenzene	11.42	180	76849	38.580	ng		94
31) Naphthalene	11.62	128	183448	44.719	ng		98
32) Benzoic acid	10.83	122	20974m	28.423	ng		
34) Hexachlorobutadiene	11.88	225	61526	39.699	ng		95
35) Caprolactam	12.47	113	12598	29.363	ng	#	45
36) 4-Chloro-3-methylphenol	12.80	107	62181	43.862	ng		88
37) 2-Methylnaphthalene	13.19	142	149177	43.286	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	109949	40.626	ng		98
40) Hexachlorocyclopentadiene	13.51	237	149358	88.328	ng		87
42) 2,4,6-Trichlorophenol	13.77	196	63898	43.406	ng		92

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032597.D
Acq On : 7 Feb 2018 17:12
Operator : SJ/JU
Sample : J1400-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-020618-AMS

Manual Integrations APPROVED
Sohil
2/8/2018 3:36:44 PM

Quant Time: Feb 08 03:28:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.85	196	66139	38.541	ng	#	87
45) 1,1'-Biphenyl	14.16	154	209716	42.910	ng		96
46) 2-Chloronaphthalene	14.22	162	166032	43.343	ng		94
47) 2-Nitroaniline	14.41	65	35212	41.567	ng	#	71
48) Acenaphthylene	15.05	152	249411	43.069	ng		98
49) Dimethylphthalate	14.76	163	222115	41.642	ng	#	97
50) 2,6-Dinitrotoluene	14.89	165	46539	41.570	ng	#	78
51) Acenaphthene	15.39	154	190738	47.492	ng		99
52) 3-Nitroaniline	15.23	138	7211	7.374	ng	#	74
53) 2,4-Dinitrophenol	15.43	184	48519	69.972	ng	#	59
54) Dibenzofuran	15.72	168	264965	44.574	ng		97
55) 4-Nitrophenol	15.52	139	55128	75.303	ng	#	75
56) 2,4-Dinitrotoluene	15.68	165	71132	44.625	ng	#	68
57) Fluorene	16.37	166	213997	43.323	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.94	232	78034	46.105	ng	#	87
59) Diethylphthalate	16.11	149	204051	39.278	ng		97
60) 4-Chlorophenyl-phenylether	16.35	204	132451	42.522	ng		97
61) 4-Nitroaniline	16.39	138	31346	29.908	ng		81
62) Azobenzene	16.64	77	131907	42.488	ng		82
64) 4,6-Dinitro-2-methylphenol	16.43	198	40054	47.083	ng	#	71
65) n-Nitrosodiphenylamine	16.56	169	197895	58.232	ng		97
66) 4-Bromophenyl-phenylether	17.25	248	95174	56.415	ng		96
67) Hexachlorobenzene	17.37	284	110783	59.339	ng	#	90
68) Atrazine	17.49	200	91237	62.540	ng		97
69) Pentachlorophenol	17.71	266	91989	78.654	ng		97
70) Phenanthrene	18.12	178	280093	44.106	ng		99
71) Anthracene	18.20	178	295782	46.777	ng		98
72) Carbazole	18.47	167	302246	54.099	ng		98
73) Di-n-butylphthalate	18.97	149	306297	49.518	ng		100
74) Fluoranthene	20.08	202	497770	59.770	ng		95
76) Benzidine	20.25	184	39574	10.365	ng		97
77) Pyrene	20.44	202	505112	42.353	ng		99
79) Butylbenzylphthalate	21.30	149	166960	44.383	ng	#	75
80) Benzo(a)anthracene	22.39	228	534607	44.348	ng		98
81) 3,3'-Dichlorobenzidine	22.27	252	28347	6.069	ng	#	92
82) Chrysene	22.46	228	491858	42.250	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	238143	44.647	ng	#	98
84) Di-n-octyl phthalate	23.60	149	410167	48.482	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.34	276	703842	47.792	ng	#	64
87) Benzo(b)fluoranthene	24.91	252	551825	42.814	ng	#	93
88) Benzo(k)fluoranthene	24.98	252	550329	43.102	ng	#	96
89) Benzo(a)pyrene	25.91	252	541592	44.076	ng	#	95
90) Dibenzo(a,h)anthracene	30.42	278	579802	46.126	ng	#	91
91) Benzo(g,h,i)perylene	31.69	276	581609	46.615	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032597.D
Acq On : 7 Feb 2018 17:12
Operator : SJ/JU
Sample : J1400-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 08 03:28:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EO-01-020618-AMS

Manual Integrations APPROVED
Sohil
2/8/2018 3:36:44 PM