Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031840.D
Acq On : 29 Dec 2017 1:04
Operator : SJ/JU
Sample : IDOC-02 RM
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-02 RM

Manual Integrations APPROVED
Sohil
12/29/2017 1:25:44 PM

Quant Time: Dec 29 07:16:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	54276	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	233043	20.00	ng		-0.04
38) Acenaphthene-d10	15.43	164	154086	20.00	ng		-0.04
63) Phenanthrene-d10	18.16	188	373221	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	429648	20.00	ng		-0.05
86) Perylene-d12	26.27	264	472212	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	397778	133.49	ng		-0.02
7) Phenol-d6	7.91	99	521379	134.76	ng		-0.02
23) Nitrobenzene-d5	10.00	82	280473	90.88	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	317443	135.02	ng		-0.04
44) 2-Fluorobiphenyl	14.06	172	1011838	82.42	ng		-0.04
78) Terphenyl-d14	20.70	244	1645137	87.48	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	34704	31.417	ng	#	74
3) Pyridine	4.33	79	80197	27.161	ng	#	79
4) n-Nitrosodimethylamine	4.23	42	42876	35.985	ng	#	80
6) Aniline	8.10	93	88900	17.859	ng		91
8) 2-Chlorophenol	8.35	128	145882	42.203	ng	#	82
9) Benzaldehyde	7.90	77	42065	18.056	ng		84
10) Phenol	7.93	94	166381	42.595	ng		92
11) bis(2-Chloroethyl)ether	8.19	93	112731	34.751	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	158370	36.894	ng	#	92
13) 1,4-Dichlorobenzene	8.84	146	162327	37.019	ng		95
14) 1,2-Dichlorobenzene	9.17	146	153483	36.940	ng		96
15) Benzyl Alcohol	9.03	79	115920	39.912	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.33	45	118480	44.849	ng		81
17) 2-Methylphenol	9.23	107	118273	42.318	ng		96
18) Hexachloroethane	9.93	117	49368	37.173	ng	#	83
19) n-Nitroso-di-n-propylamine	9.61	70	92131	34.868	ng	#	79
20) 3+4-Methylphenols	9.57	107	161643	40.693	ng		96
22) Acetophenone	9.64	105	202831	37.462	ng	#	86
24) Nitrobenzene	10.05	77	128802	40.495	ng	#	82
25) Isophorone	10.57	82	257302	38.729	ng	#	87
26) 2-Nitrophenol	10.77	139	87306	52.351	ng	#	80
27) 2,4-Dimethylphenol	10.81	122	147676	42.081	ng		92
28) bis(2-Chloroethoxy)methane	11.05	93	164265	36.849	ng		94
29) 2,4-Dichlorophenol	11.31	162	175896	42.695	ng		90
30) 1,2,4-Trichlorobenzene	11.54	180	183602	36.499	ng		97
31) Naphthalene	11.74	128	444420	37.787	ng		97
32) Benzoic acid	10.93	122	5161m	8.550	ng		
33) 4-Chloroaniline	11.83	127	94166	17.984	ng	#	90
34) Hexachlorobutadiene	12.01	225	124962	36.185	ng		99
35) Caprolactam	12.58	113	49357	39.524	ng	#	43
36) 4-Chloro-3-methylphenol	12.90	107	154068	40.492	ng		87
37) 2-Methylnaphthalene	13.30	142	363300	38.104	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	251558	38.759	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	298614	87.216	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031840.D
Acq On : 29 Dec 2017 1:04
Operator : SJ/JU
Sample : IDOC-02 RM
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-02 RM

Manual Integrations APPROVED
Sohil
12/29/2017 1:25:44 PM

Quant Time: Dec 29 07:16:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.87	196	160386	42.861	ng		98
43) 2,4,5-Trichlorophenol	13.95	196	170481	41.110	ng	#	90
45) 1,1'-Biphenyl	14.27	154	516510	39.247	ng		96
46) 2-Chloronaphthalene	14.33	162	388549	38.707	ng		95
47) 2-Nitroaniline	14.51	65	80705	46.551	ng	#	65
48) Acenaphthylene	15.16	152	589998	36.739	ng		99
49) Dimethylphthalate	14.86	163	557941	41.103	ng		99
50) 2,6-Dinitrotoluene	14.99	165	112406	45.013	ng	#	62
51) Acenaphthene	15.50	154	370285	35.206	ng		99
52) 3-Nitroaniline	15.32	138	71314	29.271	ng	#	70
53) 2,4-Dinitrophenol	15.52	184	6486	13.164	ng	#	1
54) Dibenzofuran	15.83	168	613146	38.030	ng		99
55) 4-Nitrophenol	15.60	139	150022	75.657	ng	#	68
56) 2,4-Dinitrotoluene	15.77	165	155793	48.518	ng	#	61
57) Fluorene	16.47	166	486928	37.177	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	168366	41.614	ng	#	84
59) Diethylphthalate	16.21	149	475616	35.948	ng		96
60) 4-Chlorophenyl-phenylether	16.45	204	292677	36.521	ng		92
61) 4-Nitroaniline	16.47	138	97906	41.181	ng		82
62) Azobenzene	16.74	77	314798	37.101	ng		82
64) 4,6-Dinitro-2-methylphenol	16.52	198	15166	15.213	ng	#	65
65) n-Nitrosodiphenylamine	16.66	169	451047	36.388	ng		99
66) 4-Bromophenyl-phenylether	17.34	248	212855	39.440	ng		93
67) Hexachlorobenzene	17.46	284	217837	39.484	ng	#	90
68) Atrazine	17.58	200	191348	39.700	ng		99
69) Pentachlorophenol	17.81	266	171382	45.162	ng		97
70) Phenanthrene	18.21	178	799221	37.839	ng		99
71) Anthracene	18.30	178	824414	38.694	ng		98
72) Carbazole	18.56	167	707252	37.504	ng		99
73) Di-n-butylphthalate	19.07	149	783745	37.397	ng		99
74) Fluoranthene	20.17	202	997692	38.497	ng		97
76) Benzidine	20.33	184	237700	17.924	ng		97
77) Pyrene	20.53	202	1021802	37.231	ng		98
79) Butylbenzylphthalate	21.39	149	358024	38.861	ng	#	78
80) Benzo(a)anthracene	22.49	228	1034994	37.870	ng		100
81) 3,3'-Dichlorobenzidine	22.38	252	254428	24.011	ng	#	97
82) Chrysene	22.57	228	980551	37.919	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	512161	38.371	ng	#	96
84) Di-n-octyl phthalate	23.75	149	880353	39.162	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.63	276	1342663	40.472	ng	#	89
87) Benzo(b)fluoranthene	25.06	252	1127251	38.457	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	1087116	37.059	ng	#	98
89) Benzo(a)pyrene	26.09	252	1090381	38.841	ng	#	96
90) Dibenzo(a,h)anthracene	30.71	278	1105745	38.138	ng	#	97
91) Benzo(g,h,i)perylene	30.63	276	1342663	39.223	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031840.D
Acq On : 29 Dec 2017 1:04
Operator : SJ/JU
Sample : IDOC-02 RM
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 07:16:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDOC-02 RM

Manual Integrations APPROVED
Sohil
12/29/2017 1:25:44 PM