Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024697.D
Acq On : 5 Nov 2016 5:00
Operator : UM/SJ
Sample : H5531-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0015MSD

Manual Integrations APPROVED
sohil
11/7/2016 4:37:02 PM

Quant Time: Nov 07 07:12:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	102383	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	416134	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	368700	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	769084	20.00	ng		0.00
75) Chrysene-d12	21.92	240	986350	20.00	ng		0.00
86) Perylene-d12	25.35	264	1027612	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	343403	54.97	ng		0.00
7) Phenol-d6	7.40	99	302496	35.30	ng		0.00
23) Nitrobenzene-d5	9.44	82	832222	91.05	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	724176	131.47	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1733765	78.16	ng		0.00
78) Terphenyl-d14	20.21	244	2843692	86.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	36723	14.39	ng	#	78
3) Pyridine	4.07	79	87206	11.41	ng		88
4) n-Nitrosodimethylamine	3.98	42	64206	16.23	ng	#	97
6) Aniline	7.59	93	254777	23.47	ng		97
8) 2-Chlorophenol	7.83	128	234641	36.94	ng		98
9) Benzaldehyde	7.39	77	362084	68.38	ng	#	1
10) Phenol	7.43	94	129511	14.66	ng		96
11) bis(2-Chloroethyl)ether	7.67	93	305600	46.05	ng		89
12) 1,3-Dichlorobenzene	8.16	146	302631	38.49	ng		95
13) 1,4-Dichlorobenzene	8.30	146	318357	40.99	ng		94
14) 1,2-Dichlorobenzene	8.63	146	308800	41.36	ng		98
15) Benzyl Alcohol	8.50	79	211037	26.48	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	502684	40.83	ng		94
17) 2-Methylphenol	8.70	107	184862	31.58	ng		94
18) Hexachloroethane	9.37	117	266126	89.14	ng	#	1
19) n-Nitroso-di-n-propylamine	9.07	70	298055	47.20	ng		95
20) 3+4-Methylphenols	9.03	107	227462	28.94	ng		94
22) Acetophenone	9.09	105	474740	44.41	ng	#	90
24) Nitrobenzene	9.48	77	477930	47.00	ng		97
25) Isophorone	10.00	82	789540	46.44	ng		97
26) 2-Nitrophenol	10.20	139	177430	47.01	ng		96
27) 2,4-Dimethylphenol	10.24	122	441747m	66.86	ng		
28) bis(2-Chloroethoxy)methane	10.48	93	433747	49.31	ng		99
29) 2,4-Dichlorophenol	10.74	162	329949	47.58	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	350360	42.59	ng		98
31) Naphthalene	11.15	128	2518280	121.32	ng		97
32) Benzoic acid	10.35	122	59998	10.90	ng	#	82
33) 4-Chloroaniline	11.25	127	227136	25.20	ng		93
34) Hexachlorobutadiene	11.41	225	267435	41.54	ng		94
36) 4-Chloro-3-methylphenol	12.35	107	374828	44.77	ng		99
37) 2-Methylnaphthalene	12.73	142	1170866	77.31	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	480569	38.64	ng		98
40) Hexachlorocyclopentadiene	13.06	237	548892	78.38	ng		90
42) 2,4,6-Trichlorophenol	13.32	196	327653	43.83	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024697.D
Acq On : 5 Nov 2016 5:00
Operator : UM/SJ
Sample : H5531-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0015MSD

Manual Integrations APPROVED
sohil
11/7/2016 4:37:02 PM

Quant Time: Nov 07 07:12:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.40	196	349925	43.30	ng		99
45) 1,1'-Biphenyl	13.72	154	1028268	40.19	ng		98
46) 2-Chloronaphthalene	13.77	162	786240	40.36	ng		98
47) 2-Nitroaniline	13.98	65	334843	41.98	ng		97
48) Acenaphthylene	14.61	152	1209046	40.47	ng		99
49) Dimethylphthalate	14.33	163	1336145	51.05	ng		99
50) 2,6-Dinitrotoluene	14.46	165	242741	43.44	ng		93
51) Acenaphthene	14.95	154	781470	35.09	ng		98
52) 3-Nitroaniline	14.79	138	144555	25.00	ng	#	99
53) 2,4-Dinitrophenol	14.99	184	306345	75.65	ng		94
54) Dibenzofuran	15.28	168	1310679	42.57	ng		100
55) 4-Nitrophenol	15.10	139	144134	28.61	ng	#	83
56) 2,4-Dinitrotoluene	15.24	165	372222	45.84	ng	#	91
57) Fluorene	15.92	166	1061940	41.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	385922	46.06	ng		94
59) Diethylphthalate	15.68	149	1125634	41.02	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	609165	42.52	ng		96
61) 4-Nitroaniline	15.95	138	221818	35.12	ng		97
62) Azobenzene	16.20	77	1164388	42.54	ng		97
64) 4,6-Dinitro-2-methylphenol	15.99	198	234468	44.25	ng		94
65) n-Nitrosodiphenylamine	16.13	169	995573	47.35	ng		99
66) 4-Bromophenyl-phenylether	16.81	248	443304	47.48	ng		92
67) Hexachlorobenzene	16.92	284	475928	46.13	ng		92
68) Atrazine	17.07	200	427664	47.42	ng		99
69) Pentachlorophenol	17.27	266	654103	96.09	ng		94
70) Phenanthrene	17.67	178	1791282	45.70	ng		98
71) Anthracene	17.76	178	1823650	46.11	ng		98
72) Carbazole	18.03	167	1585370	43.95	ng		98
73) Di-n-butylphthalate	18.56	149	1865308	44.85	ng		99
74) Fluoranthene	19.66	202	2171546	43.82	ng		98
76) Benzidine	19.84	184	57506	2.47	ng		97
77) Pyrene	20.02	202	2204534	45.72	ng		97
79) Butylbenzylphthalate	20.88	149	932165	46.37	ng		99
80) Benzo(a)anthracene	21.91	228	2444476	45.11	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	521270	23.85	ng	#	96
82) Chrysene	21.97	228	2261379	43.82	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1290806	44.89	ng		98
84) Di-n-octyl phthalate	23.03	149	2211824	46.35	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3080815	43.25	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	2511149	45.21	ng		98
88) Benzo(k)fluoranthene	24.33	252	2439922m	45.49	ng		
89) Benzo(a)pyrene	25.20	252	2437114	44.90	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2520465	42.31	ng		96
91) Benzo(g,h,i)perylene	30.55	276	2557441	42.97	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024697.D
Acq On : 5 Nov 2016 5:00
Operator : UM/SJ
Sample : H5531-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 07 07:12:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Manual Integrations APPROVED
sohil
11/7/2016 4:37:02 PM