Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033043.D
Acq On : 8 Mar 2018 16:37
Operator : SJ/JU
Sample : J1748-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-06-030618-AMSD

Manual Integrations APPROVED

Quant Time: Mar 08 17:43:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	58387	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	251017	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	141838	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	317544	20.00	ng		0.00
75) Chrysene-d12	22.61	240	290515	20.00	ng		0.00
86) Perylene-d12	26.41	264	305264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	477948	130.96	ng		0.00
7) Phenol-d6	8.01	99	605092	118.95	ng		0.00
23) Nitrobenzene-d5	10.11	82	427344	114.28	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	236663	158.69	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	872558	88.72	ng		0.00
78) Terphenyl-d14	20.77	244	1246803	96.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	59022	37.264	ng	#	93
3) Pyridine	4.44	79	138490	31.724	ng		95
4) n-Nitrosodimethylamine	4.33	42	97785	55.870	ng	#	85
6) Aniline	8.21	93	59717	8.673	ng		98
8) 2-Chlorophenol	8.46	128	196857	49.281	ng		95
9) Benzaldehyde	8.01	77	49478	16.876	ng		95
10) Phenol	8.04	94	220352	42.971	ng		98
11) bis(2-Chloroethyl)ether	8.29	93	182434	43.508	ng		99
12) 1,3-Dichlorobenzene	8.80	146	198493	42.425	ng		99
13) 1,4-Dichlorobenzene	8.95	146	200850	42.647	ng		97
14) 1,2-Dichlorobenzene	9.28	146	190809	42.280	ng		94
15) Benzyl Alcohol	9.14	79	160807	43.000	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.44	45	357640	49.615	ng		99
17) 2-Methylphenol	9.34	107	167016	44.169	ng		97
18) Hexachloroethane	10.04	117	73826	46.040	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	156531	43.587	ng	#	89
20) 3+4-Methylphenols	9.67	107	228383	43.438	ng		95
22) Acetophenone	9.75	105	288159	45.455	ng	#	98
24) Nitrobenzene	10.15	77	223501	54.791	ng		94
25) Isophorone	10.68	82	422740	47.981	ng		96
26) 2-Nitrophenol	10.88	139	104731	65.536	ng		98
27) 2,4-Dimethylphenol	10.91	122	206851	54.045	ng		90
28) bis(2-Chloroethoxy)methane	11.16	93	252505	49.196	ng		96
29) 2,4-Dichlorophenol	11.42	162	182924	52.659	ng		96
30) 1,2,4-Trichlorobenzene	11.65	180	179976	44.199	ng		98
31) Naphthalene	11.85	128	621029	47.347	ng		99
32) Benzoic acid	11.03	122	123302	50.506	ng		87
33) 4-Chloroaniline	11.93	127	18311	3.122	ng		95
34) Hexachlorobutadiene	12.12	225	101228	44.320	ng		97
35) Caprolactam	12.68	113	56069	40.311	ng		96
36) 4-Chloro-3-methylphenol	13.00	107	216918	53.661	ng		95
37) 2-Methylnaphthalene	13.40	142	438742	46.234	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	186601	44.318	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	237045	110.468	ng		94

Sohil

3/9/2018 11:41:26 AM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033043.D
Acq On : 8 Mar 2018 16:37
Operator : SJ/JU
Sample : J1748-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-06-030618-AMSD

Manual Integrations APPROVED

Quant Time: Mar 08 17:43:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	139866	52.674	ng		97
43) 2,4,5-Trichlorophenol	14.04	196	153277	49.875	ng	#	94
45) 1,1'-Biphenyl	14.37	154	541579	43.695	ng		93
46) 2-Chloronaphthalene	14.42	162	415724	44.901	ng		96
47) 2-Nitroaniline	14.61	65	149344	60.690	ng		94
48) Acenaphthylene	15.26	152	679298	44.814	ng		99
49) Dimethylphthalate	14.95	163	536400	44.539	ng		99
50) 2,6-Dinitrotoluene	15.08	165	120516	58.149	ng		91
51) Acenaphthene	15.59	154	489257	51.826	ng		98
52) 3-Nitroaniline	15.41	138	19878	14.337	ng	#	83
53) 2,4-Dinitrophenol	15.61	184	130030	153.478	ng		95
54) Dibenzofuran	15.92	168	629715	46.847	ng		94
55) 4-Nitrophenol	15.69	139	188359	94.136	ng		88
56) 2,4-Dinitrotoluene	15.86	165	171915	66.518	ng		88
57) Fluorene	16.56	166	509989	45.968	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.13	232	131932m	55.294	ng		
59) Diethylphthalate	16.29	149	579081	45.588	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	255127	47.008	ng		90
61) 4-Nitroaniline	16.56	138	77703	31.812	ng		87
62) Azobenzene	16.83	77	532006	46.815	ng		95
64) 4,6-Dinitro-2-methylphenol	16.61	198	83496	74.207	ng		93
65) n-Nitrosodiphenylamine	16.75	169	368286	35.652	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	152311	45.362	ng	#	86
67) Hexachlorobenzene	17.56	284	158183	43.594	ng	#	90
68) Atrazine	17.66	200	100968	29.694	ng		94
69) Pentachlorophenol	17.89	266	218492	95.598	ng		100
70) Phenanthrene	18.30	178	822738	46.441	ng		97
71) Anthracene	18.39	178	831624	46.758	ng		98
72) Carbazole	18.64	167	709328	40.462	ng	#	98
73) Di-n-butylphthalate	19.14	149	991024	46.080	ng		99
74) Fluoranthene	20.25	202	917022	46.860	ng		96
77) Pyrene	20.60	202	917318	44.775	ng		97
79) Butylbenzylphthalate	21.47	149	460970	50.749	ng		92
80) Benzo(a)anthracene	22.59	228	877136	47.084	ng		99
82) Chrysene	22.67	228	824768	46.347	ng		97
83) Bis(2-ethylhexyl)phthalate	22.41	149	655437	48.748	ng		97
84) Di-n-octyl phthalate	23.83	149	1115973	54.453	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	889050	42.838	ng	#	81
87) Benzo(b)fluoranthene	25.19	252	864078	47.873	ng	#	97
88) Benzo(k)fluoranthene	25.27	252	879127	49.009	ng	#	95
89) Benzo(a)pyrene	26.23	252	826357	48.135	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	719316	41.627	ng	#	96
91) Benzo(g,h,i)perylene	32.22	276	737317	43.284	ng	#	95

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

Sohil
3/9/2018 11:41:26 AM

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033043.D
Acq On : 8 Mar 2018 16:37
Operator : SJ/JU
Sample : J1748-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 08 17:43:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
AU-06-030618-AMSD

Manual Integrations APPROVED