Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032612.D
Acq On : 8 Feb 2018 16:11
Operator : SJ/JU
Sample : J1404-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Manual Integrations APPROVED
Sohil
2/9/2018 4:34:26 PM

Quant Time: Feb 09 03:00:05 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	8.68	152	34606	20.00	ng		-0.03
21) Naphthalene-d8	11.56	136	134904	20.00	ng		-0.03
38) Acenaphthene-d10	15.32	164	99730	20.00	ng		-0.02
63) Phenanthrene-d10	18.06	188	261578	20.00	ng		-0.01
75) Chrysene-d12	22.40	240	330645	20.00	ng		0.00
86) Perylene-d12	26.07	264	347723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.12	112	252840	146.75	ng		-0.02
7) Phenol-d6	7.81	99	282044	122.68	ng		-0.01
23) Nitrobenzene-d5	9.88	82	212884	98.57	ng		-0.03
41) 2,4,6-Tribromophenol	16.80	330	250185	131.79	ng		-0.01
44) 2-Fluorobiphenyl	13.95	172	737241	87.86	ng		-0.02
78) Terphenyl-d14	20.61	244	1474208	95.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	26002	44.855	ng	#	73
3) Pyridine	4.25	79	52646	33.634	ng		86
4) n-Nitrosodimethylamine	4.15	42	43880	53.853	ng	#	70
6) Aniline	7.99	93	27428	9.568	ng		99
8) 2-Chlorophenol	8.24	128	98013	48.126	ng	#	79
9) Benzaldehyde	7.79	77	20934m	17.629	ng		
10) Phenol	7.83	94	94817	43.427	ng		89
11) bis(2-Chloroethyl)ether	8.07	93	75629	45.461	ng	#	82
12) 1,3-Dichlorobenzene	8.57	146	117554	42.681	ng		97
13) 1,4-Dichlorobenzene	8.72	146	121015	43.837	ng		90
14) 1,2-Dichlorobenzene	9.05	146	116157	42.953	ng		96
15) Benzyl Alcohol	8.93	79	81725	43.130	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	9.21	45	77511	49.170	ng		72
17) 2-Methylphenol	9.13	107	71976	40.589	ng	#	93
18) Hexachloroethane	9.80	117	42816	46.196	ng	#	84
19) n-Nitroso-di-n-propylamine	9.50	70	67496	44.277	ng	#	94
20) 3+4-Methylphenols	9.47	107	104888	42.168	ng		93
22) Acetophenone	9.53	105	142714	45.130	ng	#	90
24) Nitrobenzene	9.93	77	105979	50.744	ng		92
25) Isophorone	10.45	82	189556	51.543	ng	#	88
26) 2-Nitrophenol	10.65	139	59531	47.153	ng	#	84
27) 2,4-Dimethylphenol	10.69	122	93755	51.739	ng		96
28) bis(2-Chloroethoxy)methane	10.93	93	104777	51.955	ng	#	95
29) 2,4-Dichlorophenol	11.20	162	121535	50.629	ng		89
30) 1,2,4-Trichlorobenzene	11.42	180	140380	43.877	ng		98
31) Naphthalene	11.62	128	338823	51.424	ng		99
32) Benzoic acid	10.83	122	48464m	37.695	ng		
33) 4-Chloroaniline	11.72	127	10107m	3.439	ng		
34) Hexachlorobutadiene	11.88	225	114527	46.009	ng		94
35) Caprolactam	12.47	113	26737	38.799	ng	#	44
36) 4-Chloro-3-methylphenol	12.80	107	112941	49.601	ng	#	81
37) 2-Methylnaphthalene	13.18	142	254680	46.010	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	200159	42.900	ng		97
40) Hexachlorocyclopentadiene	13.51	237	282353	96.857	ng		92

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032612.D
Acq On : 8 Feb 2018 16:11
Operator : SJ/JU
Sample : J1404-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MS

Manual Integrations APPROVED
Sohil
2/9/2018 4:34:26 PM

Quant Time: Feb 09 03:00:05 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)
42) 2,4,6-Trichlorophenol	13.77	196	122860	48.411	ng		99
43) 2,4,5-Trichlorophenol	13.84	196	132940	44.936	ng	#	91
45) 1,1'-Biphenyl	14.16	154	364494	43.260	ng		95
46) 2-Chloronaphthalene	14.21	162	282273	42.743	ng		96
47) 2-Nitroaniline	14.41	65	66750	45.707	ng	#	83
48) Acenaphthylene	15.05	152	424002	42.470	ng		98
49) Dimethylphthalate	14.75	163	396814	43.153	ng	#	98
50) 2,6-Dinitrotoluene	14.89	165	90402	46.839	ng	#	77
51) Acenaphthene	15.39	154	343166	49.563	ng		97
52) 3-Nitroaniline	15.22	138	8470	5.024	ng	#	54
53) 2,4-Dinitrophenol	15.42	184	108810	89.788	ng	#	62
54) Dibenzofuran	15.72	168	470971	45.958	ng		97
55) 4-Nitrophenol	15.52	139	107720	85.351	ng	#	79
56) 2,4-Dinitrotoluene	15.67	165	127477	46.389	ng	#	73
57) Fluorene	16.36	166	374953	44.031	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.94	232	149965	51.396	ng	#	85
59) Diethylphthalate	16.11	149	389810	43.525	ng		95
60) 4-Chlorophenyl-phenylether	16.35	204	241908	45.049	ng		93
61) 4-Nitroaniline	16.39	138	45197	25.014	ng		82
62) Azobenzene	16.64	77	252351	47.149	ng		85
64) 4,6-Dinitro-2-methylphenol	16.43	198	81511	41.712	ng	#	73
65) n-Nitrosodiphenylamine	16.56	169	336705	43.132	ng		97
66) 4-Bromophenyl-phenylether	17.24	248	180949	46.693	ng		94
67) Hexachlorobenzene	17.36	284	182563	42.570	ng	#	92
68) Atrazine	17.49	200	107445	32.062	ng		95
69) Pentachlorophenol	17.70	266	237614	88.447	ng		97
70) Phenanthrene	18.11	178	663297	45.470	ng		99
71) Anthracene	18.20	178	689619	47.479	ng		99
72) Carbazole	18.46	167	540093	42.085	ng		99
73) Di-n-butylphthalate	18.97	149	655602	46.140	ng		98
74) Fluoranthene	20.08	202	895645	46.818	ng		94
76) Benzidine	20.25	184	13023	2.006	ng		98
77) Pyrene	20.44	202	914816	45.110	ng		99
79) Butylbenzylphthalate	21.29	149	303639	47.468	ng	#	78
80) Benzo(a)anthracene	22.38	228	972336	47.435	ng		100
81) 3,3'-Dichlorobenzidine	22.27	252	61772	7.778	ng	#	92
82) Chrysene	22.45	228	924671	46.711	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	434798	47.938	ng	#	98
84) Di-n-octyl phthalate	23.59	149	746389	51.883	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.34	276	1164371	46.496	ng	#	72
87) Benzo(b)fluoranthene	24.90	252	1004785	47.824	ng	#	96
88) Benzo(k)fluoranthene	24.97	252	1031801	49.574	ng	#	95
89) Benzo(a)pyrene	25.90	252	993722	49.611	ng	#	95
90) Dibenzo(a,h)anthracene	30.41	278	979984	47.827	ng	#	93
91) Benzo(g,h,i)perylene	31.68	276	971081	47.746	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032612.D
Acq On : 8 Feb 2018 16:11
Operator : SJ/JU
Sample : J1404-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 03:00:05 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 :
TR-05-020718MS

Manual Integrations APPROVED
Sohil
2/9/2018 4:34:26 PM