Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043502.D
Acq On : 5 Nov 2019 11:25
Operator : JU
Sample : PB124505BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124505BS

Manual Integrations APPROVED
mohammad
11/6/2019 8:41:01 AM

Quant Time: Nov 06 01:37:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30385	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	123763	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	94446	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	231377	20.00	ng		0.00
76) Chrysene-d12	21.66	240	270986	20.00	ng		0.00
87) Perylene-d12	24.86	264	248847	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	217935	131.43	ng		0.00
7) Phenol-d6	7.20	99	289882	121.51	ng		0.00
23) Nitrobenzene-d5	9.18	82	148390	61.81	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	194621	108.28	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	409908	59.97	ng		0.00
79) Terphenyl-d14	20.00	244	884110	61.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	24552	37.996	ng	#	94
3) Pyridine	3.87	79	57346	35.182	ng		93
4) n-Nitrosodimethylamine	3.79	42	32943	40.052	ng		95
6) Aniline	7.34	93	78121	28.426	ng		98
8) 2-Chlorophenol	7.58	128	88305	48.243	ng		96
9) Benzaldehyde	7.15	77	28263	24.106	ng		88
10) Phenol	7.22	94	102366	46.956	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	68434	40.602	ng		99
12) 1,3-Dichlorobenzene	7.90	146	91925	40.083	ng		96
13) 1,4-Dichlorobenzene	8.05	146	95494	41.155	ng		98
14) 1,2-Dichlorobenzene	8.36	146	91444	40.363	ng		97
15) Benzyl Alcohol	8.25	79	74314	44.354	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92947	37.925	ng		97
17) 2-Methylphenol	8.47	107	70371	44.279	ng		97
18) Hexachloroethane	9.09	117	34437	41.136	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	59480	38.583	ng	#	95
20) 3+4-Methylphenols	8.80	107	91877	42.160	ng		92
22) Acetophenone	8.83	105	122225	38.564	ng	#	95
24) Nitrobenzene	9.22	77	94383	41.272	ng		98
25) Isophorone	9.73	82	172792	39.369	ng		99
26) 2-Nitrophenol	9.93	139	49890	45.188	ng		94
27) 2,4-Dimethylphenol	10.00	122	79115	49.996	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	96783	39.954	ng		98
29) 2,4-Dichlorophenol	10.48	162	92780	45.761	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	100412	39.294	ng		92
31) Naphthalene	10.87	128	262749	41.825	ng		99
32) Benzoic acid	10.16	122	40115	35.990	ng		90
33) 4-Chloroaniline	10.99	127	66000	25.630	ng		99
34) Hexachlorobutadiene	11.15	225	70999	37.585	ng		95
35) Caprolactam	11.75	113	28686m	41.081	ng		
36) 4-Chloro-3-methylphenol	12.11	107	96980	43.851	ng		97
37) 2-Methylnaphthalene	12.47	142	204460	42.417	ng		98
38) 1-Methylnaphthalene	12.69	142	187361	40.853	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	127735	36.545	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043502.D
Acq On : 5 Nov 2019 11:25
Operator : JU
Sample : PB124505BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Manual Integrations APPROVED
mohammad
11/6/2019 8:41:01 AM

Quant Time: Nov 06 01:37:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	100807	54.903	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	83823	40.722	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	89307	42.915	ng	#	94
46) 1,1'-Biphenyl	13.48	154	268510	37.371	ng		98
47) 2-Chloronaphthalene	13.52	162	211774	38.738	ng		99
48) 2-Nitroaniline	13.73	65	64011	39.176	ng		94
49) Acenaphthylene	14.36	152	346435	40.717	ng		98
50) Dimethylphthalate	14.10	163	285312	39.001	ng		97
51) 2,6-Dinitrotoluene	14.22	165	63636	40.041	ng		95
52) Acenaphthene	14.70	154	205516	39.609	ng		99
53) 3-Nitroaniline	14.55	138	44734	29.154	ng		99
54) 2,4-Dinitrophenol	14.76	184	77128	77.925	ng		95
55) Dibenzofuran	15.04	168	337630	40.126	ng		98
56) 4-Nitrophenol	14.89	139	100468	97.707	ng		92
57) 2,4-Dinitrotoluene	15.00	165	93793	41.296	ng	#	98
58) Fluorene	15.69	166	283748	40.207	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	93872	42.457	ng		97
60) Diethylphthalate	15.46	149	290707	39.549	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	157840	38.339	ng		96
62) 4-Nitroaniline	15.71	138	64691	40.823	ng		97
63) Azobenzene	15.97	77	240491	40.426	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	60547	44.466	ng		95
66) n-Nitrosodiphenylamine	15.90	169	258152	39.519	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	115499	37.092	ng		96
68) Hexachlorobenzene	16.70	284	130002	36.372	ng		97
69) Atrazine	16.84	200	114729	50.545	ng		96
70) Pentachlorophenol	17.05	266	135717	83.330	ng		98
71) Phenanthrene	17.43	178	471163	39.766	ng		99
72) Anthracene	17.52	178	490507	41.378	ng		100
73) Carbazole	17.79	167	452500	42.152	ng		99
74) Di-n-butylphthalate	18.35	149	541414	41.566	ng		99
75) Fluoranthene	19.44	202	652282	42.229	ng		99
77) Benzidine	19.62	184	160166	29.368	ng		96
78) Pyrene	19.80	202	655161	39.059	ng		99
80) Butylbenzylphthalate	20.69	149	251338	39.550	ng		97
81) Benzo(a)anthracene	21.64	228	676235	39.839	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	227005	34.576	ng		98
83) Chrysene	21.71	228	654210	38.790	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	363589	40.277	ng		99
85) Di-n-octyl phthalate	22.74	149	628195	41.017	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	859322	40.591	ng	#	97
88) Benzo(b)fluoranthene	23.84	252	721638	51.202	ng		99
89) Benzo(k)fluoranthene	23.91	252	718416	50.634	ng		98
90) Benzo(a)pyrene	24.70	252	655008	48.668	ng		100
91) Dibenzo(a,h)anthracene	28.56	278	740033	53.757	ng		99
92) Benzo(g,h,i)perylene	29.65	276	728319	53.636	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043502.D
Acq On : 5 Nov 2019 11:25
Operator : JU
Sample : PB124505BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 01:37:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB124505BS

Manual Integrations APPROVED
mohammad
11/6/2019 8:41:01 AM