Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043331.D
Acq On : 24 Oct 2019 14:58
Operator : JU
Sample : PB124252BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124252BS

Manual Integrations APPROVED
mohammad
10/25/2019 8:07:31 AM

Quant Time: Oct 24 16:57:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30137	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	116434	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	84575	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	207807	20.00	ng	0.00
76) Chrysene-d12	21.66	240	262192	20.00	ng	0.00
87) Perylene-d12	24.86	264	300270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	196457	119.45	ng	0.00
7) Phenol-d6	7.20	99	267806	113.18	ng	0.00
23) Nitrobenzene-d5	9.18	82	141374	62.60	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	182199	113.20	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	385038	62.91	ng	0.00
79) Terphenyl-d14	20.00	244	875608	62.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	25465	39.733	ng	# 90
3) Pyridine	3.89	79	57725	35.706	ng	99
4) n-Nitrosodimethylamine	3.80	42	34611	42.426	ng	85
6) Aniline	7.35	93	88235	32.370	ng	96
8) 2-Chlorophenol	7.59	128	80104	44.123	ng	94
9) Benzaldehyde	7.16	77	46256	39.777	ng	91
10) Phenol	7.22	94	96624	44.687	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	68822	41.168	ng	99
12) 1,3-Dichlorobenzene	7.91	146	87102	38.293	ng	98
13) 1,4-Dichlorobenzene	8.06	146	91384	39.708	ng	96
14) 1,2-Dichlorobenzene	8.38	146	87028	38.730	ng	96
15) Benzyl Alcohol	8.26	79	66628	40.094	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	91776	37.755	ng	98
17) 2-Methylphenol	8.48	107	67096	42.566	ng	100
18) Hexachloroethane	9.11	117	32612	39.277	ng	93
19) n-Nitroso-di-n-propylamine	8.82	70	57819	37.815	ng	97
20) 3+4-Methylphenols	8.80	107	87116	40.304	ng	91
22) Acetophenone	8.85	105	114597	38.433	ng	98
24) Nitrobenzene	9.23	77	87921	40.866	ng	96
25) Isophorone	9.74	82	163651	39.634	ng	99
26) 2-Nitrophenol	9.94	139	43458	41.840	ng	92
27) 2,4-Dimethylphenol	10.00	122	74204	49.845	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	90269	39.610	ng	96
29) 2,4-Dichlorophenol	10.49	162	82490	43.246	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	92255	38.375	ng	94
31) Naphthalene	10.88	128	242915	41.101	ng	99
32) Benzoic acid	10.14	122	32564	32.296	ng	87
33) 4-Chloroaniline	11.00	127	44626	18.420	ng	96
34) Hexachlorobutadiene	11.16	225	67785	38.143	ng	89
35) Caprolactam	11.75	113	27804m	42.324	ng	
36) 4-Chloro-3-methylphenol	12.12	107	91522	43.988	ng	98
37) 2-Methylnaphthalene	12.48	142	188276	41.519	ng	97
38) 1-Methylnaphthalene	12.70	142	175302m	40.629	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	122882	39.259	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043331.D
Acq On : 24 Oct 2019 14:58
Operator : JU
Sample : PB124252BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124252BS

Manual Integrations APPROVED
mohammad
10/25/2019 8:07:31 AM

Quant Time: Oct 24 16:57:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	154318	93.856	ng		94
43) 2,4,6-Trichlorophenol	13.09	196	77965	42.297	ng		93
44) 2,4,5-Trichlorophenol	13.17	196	85946	46.120	ng		95
46) 1,1'-Biphenyl	13.49	154	251417	39.076	ng		98
47) 2-Chloronaphthalene	13.53	162	195608	39.957	ng		98
48) 2-Nitroaniline	13.73	65	58424	39.930	ng		97
49) Acenaphthylene	14.37	152	323873	42.508	ng		98
50) Dimethylphthalate	14.10	163	268502	40.987	ng		100
51) 2,6-Dinitrotoluene	14.22	165	59799	42.018	ng		99
52) Acenaphthene	14.72	154	192183	41.362	ng		98
53) 3-Nitroaniline	14.56	138	37793	27.505	ng		81
54) 2,4-Dinitrophenol	14.76	184	61496	70.181	ng		97
55) Dibenzofuran	15.05	168	318565	42.279	ng		99
56) 4-Nitrophenol	14.88	139	91532	99.406	ng		97
57) 2,4-Dinitrotoluene	15.01	165	86697	42.626	ng		97
58) Fluorene	15.70	166	267528	42.333	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	89770	45.340	ng	#	98
60) Diethylphthalate	15.46	149	270330	41.069	ng		97
61) 4-Chlorophenyl-phenylether	15.68	204	152546	41.378	ng		95
62) 4-Nitroaniline	15.72	138	59435	41.884	ng		96
63) Azobenzene	15.98	77	229789	43.135	ng		95
65) 4,6-Dinitro-2-methylphenol	15.77	198	50883	41.607	ng		100
66) n-Nitrosodiphenylamine	15.90	169	237116	40.416	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	108516	38.803	ng		98
68) Hexachlorobenzene	16.70	284	120596	37.567	ng		98
69) Atrazine	16.85	200	107141	52.555	ng		98
70) Pentachlorophenol	17.05	266	136967	93.637	ng		93
71) Phenanthrene	17.44	178	447016	42.008	ng		99
72) Anthracene	17.53	178	458751	43.088	ng		99
73) Carbazole	17.80	167	428347	44.428	ng		98
74) Di-n-butylphthalate	18.35	149	504306	43.108	ng		99
75) Fluoranthene	19.45	202	628000	45.268	ng		99
77) Benzidine	19.63	184	348897	66.120	ng		98
78) Pyrene	19.81	202	639339	39.394	ng		99
80) Butylbenzylphthalate	20.69	149	245414	39.913	ng		97
81) Benzo(a)anthracene	21.64	228	683968	41.646	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	186623	29.379	ng		97
83) Chrysene	21.71	228	662279	40.586	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	361514	41.390	ng		99
85) Di-n-octyl phthalate	22.75	149	614220	41.450	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	840766	41.047	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	719388	42.301	ng		98
89) Benzo(k)fluoranthene	23.91	252	721157	42.123	ng		99
90) Benzo(a)pyrene	24.71	252	663237	40.840	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	713238	42.938	ng		98
92) Benzo(g,h,i)perylene	29.63	276	709770	43.318	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043331.D
Acq On : 24 Oct 2019 14:58
Operator : JU
Sample : PB124252BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 16:57:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB124252BS

Manual Integrations APPROVED
mohammad
10/25/2019 8:07:31 AM