Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039960.D
Acq On : 16 Mar 2019 3:53
Operator : JU/SJ
Sample : PB117964BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:47 PM

Quant Time: Mar 16 05:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41226	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	183708	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	119627	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	262549	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	276480	20.00	ng		-0.02
87) Perylene-d12	25.17	264	283827	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	197417	81.69	ng		-0.02
7) Phenol-d6	7.29	99	289502	80.35	ng		-0.02
23) Nitrobenzene-d5	9.32	82	287418	84.62	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	110602	79.32	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	691761	82.34	ng		-0.02
79) Terphenyl-d14	20.11	244	1069822	85.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	44839	40.191	ng		97
3) Pyridine	3.98	79	126313	42.291	ng		96
4) n-Nitrosodimethylamine	3.91	42	65054	45.913	ng		99
6) Aniline	7.47	93	195175	41.345	ng		99
8) 2-Chlorophenol	7.71	128	118481	40.414	ng		96
9) Benzaldehyde	7.29	77	69535	29.917	ng		95
10) Phenol	7.32	94	160579	41.138	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	122349	40.202	ng		95
12) 1,3-Dichlorobenzene	8.03	146	135913	40.991	ng		99
13) 1,4-Dichlorobenzene	8.18	146	139437	41.286	ng		98
14) 1,2-Dichlorobenzene	8.50	146	131648	40.344	ng		96
15) Benzyl Alcohol	8.39	79	118113	41.324	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	256311	42.110	ng		99
17) 2-Methylphenol	8.58	107	104064	41.810	ng		98
18) Hexachloroethane	9.23	117	49816	41.108	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	103848	40.042	ng		97
20) 3+4-Methylphenols	8.91	107	144435	41.772	ng		97
22) Acetophenone	8.98	105	194682	39.484	ng	#	97
24) Nitrobenzene	9.37	77	152706	42.854	ng		97
25) Isophorone	9.88	82	292284	41.067	ng		98
26) 2-Nitrophenol	10.08	139	73905	42.956	ng	#	94
27) 2,4-Dimethylphenol	10.12	122	120712	45.113	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	174650	40.380	ng		97
29) 2,4-Dichlorophenol	10.61	162	130384	43.279	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	141368	41.701	ng		99
31) Naphthalene	11.02	128	402352	41.366	ng		99
32) Benzoic acid	10.26	122	70212	39.561	ng		97
33) 4-Chloroaniline	11.13	127	174507	42.310	ng		99
34) Hexachlorobutadiene	11.28	225	96497	41.655	ng		95
35) Caprolactam	11.92	113	41976m	36.475	ng		
36) 4-Chloro-3-methylphenol	12.23	107	140416	40.659	ng		99
37) 2-Methylnaphthalene	12.61	142	307159	42.239	ng		98
38) 1-Methylnaphthalene	12.83	142	290384	41.091	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	170953	42.183	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039960.D
Acq On : 16 Mar 2019 3:53
Operator : JU/SJ
Sample : PB117964BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:47 PM

Quant Time: Mar 16 05:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	239342	110.202	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	105840	44.608	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	116286	43.481	ng		99
46) 1,1'-Biphenyl	13.61	154	399376	40.590	ng		98
47) 2-Chloronaphthalene	13.66	162	309521	41.816	ng		98
48) 2-Nitroaniline	13.87	65	101967	42.866	ng		94
49) Acenaphthylene	14.50	152	493330	40.600	ng		98
50) Dimethylphthalate	14.22	163	390645	39.052	ng		99
51) 2,6-Dinitrotoluene	14.35	165	85598	40.365	ng		96
52) Acenaphthene	14.84	154	296729	40.573	ng		98
53) 3-Nitroaniline	14.69	138	83271	39.064	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	84811	64.508	ng		97
55) Dibenzofuran	15.17	168	483393	40.286	ng		98
56) 4-Nitrophenol	14.99	139	135650	71.136	ng		91
57) 2,4-Dinitrotoluene	15.14	165	122156	40.996	ng		87
58) Fluorene	15.82	166	374158	39.665	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	109299	41.847	ng		97
60) Diethylphthalate	15.57	149	390235	39.408	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	198515	39.438	ng		98
62) 4-Nitroaniline	15.85	138	89547	38.749	ng		97
63) Azobenzene	16.10	77	359077	40.003	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	70083	45.146	ng		99
66) n-Nitrosodiphenylamine	16.02	169	338525	44.538	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	125347	42.652	ng		97
68) Hexachlorobenzene	16.81	284	131345	43.117	ng		94
69) Atrazine	16.96	200	103392	34.563	ng		99
70) Pentachlorophenol	17.16	266	150628	78.294	ng		98
71) Phenanthrene	17.56	178	604038	41.769	ng		100
72) Anthracene	17.65	178	602103	42.725	ng		99
73) Carbazole	17.92	167	518502	40.812	ng		98
74) Di-n-butylphthalate	18.45	149	633798	42.401	ng		99
75) Fluoranthene	19.56	202	716195	41.905	ng		98
77) Benzidine	19.74	184	651330	74.238	ng		99
78) Pyrene	19.93	202	718485	39.992	ng		98
80) Butylbenzylphthalate	20.79	149	298967	42.952	ng		95
81) Benzo(a)anthracene	21.78	228	712585	41.124	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	256008	40.467	ng		100
83) Chrysene	21.86	228	674023	40.123	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	424967	43.448	ng		98
85) Di-n-octyl phthalate	22.90	149	726256	44.844	ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	807931	42.395	ng	#	93
88) Benzo(b)fluoranthene	24.10	252	703854	41.586	ng	#	98
89) Benzo(k)fluoranthene	24.17	252	693572	44.023	ng		98
90) Benzo(a)pyrene	25.01	252	693055	44.314	ng		98
91) Dibenzo(a,h)anthracene	29.11	278	651660	42.502	ng		98
92) Benzo(g,h,i)perylene	30.27	276	667176	43.326	ng		94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039960.D
Acq On : 16 Mar 2019 3:53
Operator : JU/SJ
Sample : PB117964BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 16 05:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:47 PM