Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044072.D
Acq On : 16 Jan 2020 17:20
Operator : JU
Sample : L1126-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BW-1-3.0MSD

Manual Integrations APPROVED
mohammad
1/17/2020 2:08:13 PM

Quant Time: Jan 17 07:25:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	121869	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	482061	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	287347	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	576000	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	472098	20.00	ng	-0.02
87) Perylene-d12	24.70	264	547650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	707929	106.66	ng	-0.01
7) Phenol-d6	7.12	99	952357	102.65	ng	0.00
23) Nitrobenzene-d5	9.10	82	549182	60.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	314881	104.72	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1123602	70.84	ng	-0.02
79) Terphenyl-d14	19.93	244	1429431	69.34	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	115207	39.809	ng	98
3) Pyridine	3.81	79	294493	34.446	ng	96
4) n-Nitrosodimethylamine	3.73	42	153231	40.257	ng	93
6) Aniline	7.27	93	245332	20.132	ng	96
8) 2-Chlorophenol	7.51	128	369125	47.372	ng	99
9) Benzaldehyde	7.08	77	199781	33.645	ng	98
10) Phenol	7.15	94	467867	48.945	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	349551	42.363	ng	99
12) 1,3-Dichlorobenzene	7.83	146	399794	43.845	ng	99
13) 1,4-Dichlorobenzene	7.98	146	399823	44.440	ng	99
14) 1,2-Dichlorobenzene	8.30	146	380051	44.010	ng	100
15) Benzyl Alcohol	8.18	79	303645	41.469	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	478202	37.460	ng	98
17) 2-Methylphenol	8.39	107	307759	44.490	ng	98
18) Hexachloroethane	9.03	117	151444	43.260	ng	95
19) n-Nitroso-di-n-propylamine	8.75	70	265994	38.498	ng	98
20) 3+4-Methylphenols	8.72	107	422402	43.772	ng	99
22) Acetophenone	8.76	105	500734	41.782	ng	99
24) Nitrobenzene	9.14	77	380053	42.583	ng	98
25) Isophorone	9.67	82	709982	41.996	ng	99
26) 2-Nitrophenol	9.86	139	212116	50.235	ng	96
27) 2,4-Dimethylphenol	9.92	122	336553	52.949	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	449223	39.857	ng	99
29) 2,4-Dichlorophenol	10.40	162	354651	46.777	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	375081	44.122	ng	98
31) Naphthalene	10.80	128	1069129	45.831	ng	100
32) Benzoic acid	10.09	122	238636	46.350	ng	94
33) 4-Chloroaniline	10.90	127	179366	16.121	ng	98
34) Hexachlorobutadiene	11.09	225	225050	43.359	ng	97
35) Caprolactam	11.68	113	125178m	44.351	ng	
36) 4-Chloro-3-methylphenol	12.04	107	357674	44.315	ng	97
37) 2-Methylnaphthalene	12.41	142	768997	43.786	ng	97
38) 1-Methylnaphthalene	12.62	142	730236	43.871	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	379139	45.017	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044072.D
Acq On : 16 Jan 2020 17:20
Operator : JU
Sample : L1126-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BW-1-3.0MSD

Manual Integrations APPROVED
mohammad
1/17/2020 2:08:13 PM

Quant Time: Jan 17 07:25:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	228200	52.263	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	274202	47.316	ng		97
44) 2,4,5-Trichlorophenol	13.09	196	287295	48.067	ng		99
46) 1,1'-Biphenyl	13.41	154	942632	45.754	ng		99
47) 2-Chloronaphthalene	13.45	162	741414	44.535	ng		99
48) 2-Nitroaniline	13.65	65	218556	40.812	ng		96
49) Acenaphthylene	14.30	152	1168066	48.816	ng		99
50) Dimethylphthalate	14.03	163	1000728	49.049	ng		100
51) 2,6-Dinitrotoluene	14.15	165	208205	45.149	ng		95
52) Acenaphthene	14.64	154	724476	43.174	ng		97
53) 3-Nitroaniline	14.47	138	147304	28.129	ng		97
54) 2,4-Dinitrophenol	14.69	184	140294	61.107	ng		95
55) Dibenzofuran	14.98	168	1073491	46.471	ng		98
56) 4-Nitrophenol	14.80	139	397450	99.042	ng		93
57) 2,4-Dinitrotoluene	14.94	165	286050	45.587	ng		96
58) Fluorene	15.63	166	833018	45.497	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	244643	47.600	ng		97
60) Diethylphthalate	15.40	149	885990	43.417	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	431591	43.411	ng		98
62) 4-Nitroaniline	15.64	138	181830	35.161	ng		93
63) Azobenzene	15.91	77	819895	43.323	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	110324	38.165	ng		96
66) n-Nitrosodiphenylamine	15.83	169	779911	45.979	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	278496	42.989	ng		98
68) Hexachlorobenzene	16.64	284	296674	42.500	ng		98
69) Atrazine	16.78	200	288704	52.361	ng		99
70) Pentachlorophenol	16.98	266	372751	96.869	ng		99
71) Phenanthrene	17.36	178	1381250	49.995	ng		99
72) Anthracene	17.45	178	1333433	48.836	ng		100
73) Carbazole	17.72	167	1184488	46.964	ng		98
74) Di-n-butylphthalate	18.29	149	1434569	44.550	ng		98
75) Fluoranthene	19.37	202	1914283	60.586	ng		97
77) Benzidine	19.55	184	309997	26.124	ng		98
78) Pyrene	19.73	202	1966937	63.829	ng		97
80) Butylbenzylphthalate	20.63	149	658421	44.879	ng		97
81) Benzo(a)anthracene	21.55	228	1805074	61.663	ng		98
82) 3,3'-Dichlorobenzidine	21.47	252	308847	26.705	ng		99
83) Chrysene	21.62	228	1701976	61.188	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	929809	45.932	ng		98
85) Di-n-octyl phthalate	22.65	149	1605826	47.186	ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1927990	51.003	ng	#	83
88) Benzo(b)fluoranthene	23.72	252	2013711	62.198	ng		99
89) Benzo(k)fluoranthene	23.77	252	1687129	54.800	ng		98
90) Benzo(a)pyrene	24.56	252	1850708	60.566	ng		99
91) Dibenzo(a,h)anthracene	28.30	278	1246578	40.621	ng		99
92) Benzo(g,h,i)perylene	29.34	276	1509258	49.511	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044072.D
Acq On : 16 Jan 2020 17:20
Operator : JU
Sample : L1126-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 17 07:25:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MSD

Manual Integrations APPROVED
mohammad
1/17/2020 2:08:13 PM