Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044832.D
Acq On : 17 Mar 2020 13:54
Operator : CG/JU
Sample : PB127544BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Manual Integrations APPROVED
mohammad
3/18/2020 4:00:09 PM

Quant Time: Mar 17 17:11:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91274	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	366951	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	259687	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	613390	20.00	ng		0.00
76) Chrysene-d12	21.70	240	518242	20.00	ng		0.00
87) Perylene-d12	24.91	264	563517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	664012	113.25	ng		0.00
7) Phenol-d6	7.21	99	967846	113.61	ng		0.00
23) Nitrobenzene-d5	9.20	82	532477	63.68	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	426094	125.31	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1175282	64.81	ng		0.00
79) Terphenyl-d14	20.04	244	1838576	66.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	97177	34.417	ng		99
3) Pyridine	3.91	79	249226	29.817	ng		99
4) n-Nitrosodimethylamine	3.82	42	122565	38.647	ng	#	99
6) Aniline	7.37	93	323204	30.490	ng		96
8) 2-Chlorophenol	7.61	128	255245	43.608	ng		99
9) Benzaldehyde	7.18	77	116169m	18.874	ng		
10) Phenol	7.24	94	363724	43.126	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	249220	37.025	ng		97
12) 1,3-Dichlorobenzene	7.94	146	274871	38.123	ng		97
13) 1,4-Dichlorobenzene	8.08	146	275904	38.706	ng		98
14) 1,2-Dichlorobenzene	8.41	146	259170	38.336	ng		99
15) Benzyl Alcohol	8.28	79	276139	40.400	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	374804	31.553	ng		97
17) 2-Methylphenol	8.49	107	243828	42.679	ng		97
18) Hexachloroethane	9.14	117	110947	39.534	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	216822	36.045	ng		97
20) 3+4-Methylphenols	8.82	107	344526	43.747	ng		99
22) Acetophenone	8.86	105	396256	38.117	ng	#	99
24) Nitrobenzene	9.25	77	327581	37.753	ng		99
25) Isophorone	9.77	82	630697	38.644	ng		98
26) 2-Nitrophenol	9.96	139	145695	48.324	ng		97
27) 2,4-Dimethylphenol	10.02	122	258151	48.571	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	357203	36.674	ng		99
29) 2,4-Dichlorophenol	10.50	162	275435	44.368	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	280025	37.725	ng		96
31) Naphthalene	10.91	128	787250	38.729	ng		98
32) Benzoic acid	10.16	122	162834	41.075	ng		98
33) 4-Chloroaniline	11.01	127	209034	22.825	ng		96
34) Hexachlorobutadiene	11.20	225	180967	37.073	ng		99
35) Caprolactam	11.77	113	110556m	47.037	ng		
36) 4-Chloro-3-methylphenol	12.12	107	323970	43.757	ng		98
37) 2-Methylnaphthalene	12.51	142	596796	39.248	ng		97
38) 1-Methylnaphthalene	12.73	142	564990	39.523	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	315420	36.881	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044832.D
Acq On : 17 Mar 2020 13:54
Operator : CG/JU
Sample : PB127544BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127544BS

Manual Integrations APPROVED
mohammad
3/18/2020 4:00:09 PM

Quant Time: Mar 17 17:11:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	438895	93.904	ng		100
43) 2,4,6-Trichlorophenol	13.11	196	244661	43.107	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	261885	44.492	ng		95
46) 1,1'-Biphenyl	13.52	154	756775	36.467	ng		99
47) 2-Chloronaphthalene	13.56	162	581422	36.676	ng		98
48) 2-Nitroaniline	13.75	65	226760	40.858	ng		96
49) Acenaphthylene	14.40	152	975543	39.280	ng		98
50) Dimethylphthalate	14.13	163	808497	39.090	ng		99
51) 2,6-Dinitrotoluene	14.25	165	182874	43.865	ng		98
52) Acenaphthene	14.74	154	716548	44.054	ng		98
53) 3-Nitroaniline	14.57	138	132824	27.711	ng		95
54) 2,4-Dinitrophenol	14.78	184	217012	97.573	ng		97
55) Dibenzofuran	15.08	168	940772	39.885	ng		100
56) 4-Nitrophenol	14.88	139	336938	92.109	ng		95
57) 2,4-Dinitrotoluene	15.03	165	258873	45.276	ng		98
58) Fluorene	15.73	166	765021	39.429	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	249778	46.092	ng		96
60) Diethylphthalate	15.50	149	843136	39.085	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	416201	39.837	ng		99
62) 4-Nitroaniline	15.74	138	187455	36.677	ng		99
63) Azobenzene	16.01	77	833601	37.212	ng		100
65) 4,6-Dinitro-2-methylphenol	15.80	198	156573	53.238	ng		95
66) n-Nitrosodiphenylamine	15.93	169	699723	37.890	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	288241	37.589	ng		97
68) Hexachlorobenzene	16.74	284	310732	37.351	ng		96
69) Atrazine	16.88	200	302979	44.780	ng		98
70) Pentachlorophenol	17.08	266	403996	88.260	ng		99
71) Phenanthrene	17.47	178	1240264	37.838	ng		99
72) Anthracene	17.56	178	1265374	39.150	ng		99
73) Carbazole	17.82	167	1198984	38.618	ng		99
74) Di-n-butylphthalate	18.39	149	1435691	38.040	ng		99
75) Fluoranthene	19.47	202	1500006	38.434	ng		99
77) Benzidine	19.64	184	564508	33.553	ng		99
78) Pyrene	19.83	202	1519121	39.954	ng		100
80) Butylbenzylphthalate	20.73	149	631508	37.334	ng		99
81) Benzo(a)anthracene	21.68	228	1404945	37.649	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	409268	28.349	ng		100
83) Chrysene	21.74	228	1331403	37.350	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	861128	36.887	ng		99
85) Di-n-octyl phthalate	22.82	149	1475219	37.763	ng		99
86) Indeno(1,2,3-cd)pyrene	28.56	276	1724740	36.906	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	1490989	40.078	ng		100
89) Benzo(k)fluoranthene	23.96	252	1389828	39.477	ng		100
90) Benzo(a)pyrene	24.76	252	1345257	38.645	ng		98
91) Dibenzo(a,h)anthracene	28.63	278	1403107	40.857	ng		96
92) Benzo(g,h,i)perylene	29.70	276	1427602	41.145	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044832.D
Acq On : 17 Mar 2020 13:54
Operator : CG/JU
Sample : PB127544BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 17 17:11:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB127544BS

Manual Integrations APPROVED
mohammad
3/18/2020 4:00:09 PM