Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044363.D
Acq On : 10 Feb 2020 19:19
Operator : CG/JU
Sample : L1470-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:39 AM

Quant Time: Feb 11 03:05:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	60735	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	272720	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	191275	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	462973	20.00	ng	0.00
76) Chrysene-d12	21.54	240	452724	20.00	ng	0.00
87) Perylene-d12	24.61	264	490142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	430881	125.21	ng	0.00
7) Phenol-d6	7.08	99	584197	126.42	ng	0.00
23) Nitrobenzene-d5	9.06	82	343551	71.12	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	274667	122.32	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	830792	72.73	ng	0.00
79) Terphenyl-d14	19.90	244	1489071	67.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	65616	42.437	ng	98
3) Pyridine	3.76	79	162712	39.499	ng	99
4) n-Nitrosodimethylamine	3.67	42	85141	49.461	ng	97
6) Aniline	7.22	93	168692	29.408	ng	99
8) 2-Chlorophenol	7.47	128	223960	59.215	ng	99
9) Benzaldehyde	7.04	77	90533	34.397	ng	99
10) Phenol	7.10	94	277180	60.605	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	200471	51.271	ng	99
12) 1,3-Dichlorobenzene	7.79	146	221050	48.950	ng	97
13) 1,4-Dichlorobenzene	7.94	146	223780	50.034	ng	98
14) 1,2-Dichlorobenzene	8.26	146	212099	50.171	ng	97
15) Benzyl Alcohol	8.14	79	179956	55.003	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	256917	48.547	ng	99
17) 2-Methylphenol	8.35	107	191994	58.838	ng	100
18) Hexachloroethane	8.99	117	80154	47.757	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	160058	51.969	ng	97
20) 3+4-Methylphenols	8.68	107	263980	58.701	ng	99
22) Acetophenone	8.72	105	305567	46.058	ng	99
24) Nitrobenzene	9.10	77	229353	48.634	ng	100
25) Isophorone	9.63	82	456399	50.690	ng	99
26) 2-Nitrophenol	9.81	139	125743	51.386	ng	99
27) 2,4-Dimethylphenol	9.88	122	218915	63.376	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	285325	47.504	ng	99
29) 2,4-Dichlorophenol	10.36	162	228028	54.595	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	223227	46.610	ng	99
31) Naphthalene	10.75	128	660276	49.902	ng	99
32) Benzoic acid	10.04	122	76515	37.872	ng	95
33) 4-Chloroaniline	10.87	127	64910	10.786	ng	96
34) Hexachlorobutadiene	11.05	225	130090	44.144	ng	98
35) Caprolactam	11.63	113	93986m	61.428	ng	
36) 4-Chloro-3-methylphenol	11.99	107	249099	56.883	ng	99
37) 2-Methylnaphthalene	12.36	142	501544	51.052	ng	99
38) 1-Methylnaphthalene	12.58	142	477363	51.540	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	249238	43.560	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044363.D
Acq On : 10 Feb 2020 19:19
Operator : CG/JU
Sample : L1470-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:39 AM

Quant Time: Feb 11 03:05:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	295544	107.650	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	188576	50.989	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	205203	54.323	ng	99
46) 1,1'-Biphenyl	13.38	154	654416	47.432	ng	99
47) 2-Chloronaphthalene	13.42	162	509513	46.408	ng	100
48) 2-Nitroaniline	13.62	65	155593	48.021	ng	96
49) Acenaphthylene	14.26	152	833581	51.765	ng	99
50) Dimethylphthalate	14.00	163	730379	53.121	ng	100
51) 2,6-Dinitrotoluene	14.11	165	159012	51.869	ng	99
52) Acenaphthene	14.61	154	508778	48.745	ng	98
53) 3-Nitroaniline	14.44	138	64338	18.969	ng	98
54) 2,4-Dinitrophenol	14.65	184	183943	99.234	ng	99
55) Dibenzofuran	14.94	168	808099	51.136	ng	99
56) 4-Nitrophenol	14.77	139	315896	127.151	ng	99
57) 2,4-Dinitrotoluene	14.90	165	228541	53.189	ng	99
58) Fluorene	15.59	166	648450	52.098	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	193069	56.584	ng	99
60) Diethylphthalate	15.37	149	721266	52.646	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	341017	50.530	ng	97
62) 4-Nitroaniline	15.61	138	166957	49.263	ng	98
63) Azobenzene	15.88	77	633749	52.780	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	143431	56.124	ng	98
66) n-Nitrosodiphenylamine	15.80	169	621219	47.880	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	233300	46.253	ng	99
68) Hexachlorobenzene	16.60	284	256922	45.465	ng	100
69) Atrazine	16.75	200	252958	56.882	ng	99
70) Pentachlorophenol	16.95	266	296919	102.965	ng	97
71) Phenanthrene	17.33	178	1111141	49.563	ng	99
72) Anthracene	17.42	178	1146541	51.729	ng	99
73) Carbazole	17.69	167	1058284	51.793	ng	100
74) Di-n-butylphthalate	18.26	149	1292237	51.177	ng	100
75) Fluoranthene	19.34	202	1356910	52.321	ng	100
77) Benzidine	19.51	184	460908	36.704	ng	99
78) Pyrene	19.70	202	1359948	46.775	ng	99
80) Butylbenzylphthalate	20.59	149	594802	44.893	ng	97
81) Benzo(a)anthracene	21.51	228	1303169	46.706	ng	100
82) 3,3'-Dichlorobenzidine	21.43	252	223786	20.665	ng	99
83) Chrysene	21.58	228	1242228	46.060	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	844545	46.310	ng	99
85) Di-n-octyl phthalate	22.60	149	1458250	46.215	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1634564	46.455	ng	100
88) Benzo(b)fluoranthene	23.65	252	1391057	49.252	ng	99
89) Benzo(k)fluoranthene	23.71	252	1369406	49.747	ng	99
90) Benzo(a)pyrene	24.47	252	1296703	48.558	ng	98
91) Dibenzo(a,h)anthracene	28.17	278	1343720	50.844	ng	98
92) Benzo(g,h,i)perylene	29.20	276	1369060	51.748	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044363.D
Acq On : 10 Feb 2020 19:19
Operator : CG/JU
Sample : L1470-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 11 03:05:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:39 AM