Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044694.D
Acq On : 6 Mar 2020 12:38
Operator : CG/JU
Sample : L1161-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 04:55:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 03:42:13 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
3/9/2020 3:07:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68606	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	282645	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	197795	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	450924	20.00	ng		0.00
76) Chrysene-d12	21.71	240	436944	20.00	ng		0.00
87) Perylene-d12	24.94	264	505804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	642337	140.61	ng		0.00
7) Phenol-d6	7.21	99	942873	136.55	ng		0.00
23) Nitrobenzene-d5	9.22	82	646370	104.12	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	414148	152.43	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1374239	96.78	ng		0.00
79) Terphenyl-d14	20.06	244	2223161	90.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	16830	7.686	ng		97
3) Pyridine	3.93	79	37259	5.488	ng	#	80
4) n-Nitrosodimethylamine	3.84	42	18447	6.424	ng	#	83
6) Aniline	7.38	93	63050	7.289	ng	#	95
8) 2-Chlorophenol	7.62	128	32903	7.107	ng		87
9) Benzaldehyde	7.19	77	41986	10.360	ng		96
10) Phenol	7.24	94	47488	6.982	ng		89
11) bis(2-Chloroethyl)ether	7.48	93	39770	7.609	ng		93
12) 1,3-Dichlorobenzene	7.95	146	39443	7.163	ng		90
13) 1,4-Dichlorobenzene	8.10	146	38421	6.984	ng		98
14) 1,2-Dichlorobenzene	8.42	146	37172	7.148	ng		95
15) Benzyl Alcohol	8.29	79	38766	6.508	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	70355	7.125	ng		98
17) 2-Methylphenol	8.49	107	33305	7.146	ng	#	87
18) Hexachloroethane	9.15	117	14495	6.570	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	38252	7.415	ng	#	96
20) 3+4-Methylphenols	8.82	107	43733	6.736	ng		97
22) Acetophenone	8.88	105	66047	8.005	ng	#	92
24) Nitrobenzene	9.26	77	51781	7.867	ng		94
25) Isophorone	9.79	82	102678	7.500	ng		98
26) 2-Nitrophenol	9.97	139	14179	6.588	ng	#	82
27) 2,4-Dimethylphenol	10.03	122	33134	7.715	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	55228	7.166	ng	#	94
29) 2,4-Dichlorophenol	10.51	162	32963	6.745	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	40563	7.146	ng		95
31) Naphthalene	10.92	128	115942	7.309	ng		98
32) Benzoic acid	10.09	122	8919	2.961	ng		90
33) 4-Chloroaniline	11.02	127	50081	6.855	ng		95
34) Hexachlorobutadiene	11.22	225	25372	6.542	ng		89
35) Caprolactam	11.75	113	13787	6.758	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	42033	6.792	ng		100
37) 2-Methylnaphthalene	12.52	142	92854	7.757	ng		95
38) 1-Methylnaphthalene	12.74	142	85845	7.586	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	50686	7.894	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044694.D
Acq On : 6 Mar 2020 12:38
Operator : CG/JU
Sample : L1161-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
3/9/2020 3:07:48 PM

Quant Time: Mar 07 04:55:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 03:42:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	29563	7.873	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	29269	6.575	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	31293	6.855	ng		98
46) 1,1'-Biphenyl	13.53	154	119313	7.584	ng		100
47) 2-Chloronaphthalene	13.57	162	85009	7.084	ng		92
48) 2-Nitroaniline	13.76	65	27383	6.766	ng		98
49) Acenaphthylene	14.42	152	149812	7.792	ng		98
50) Dimethylphthalate	14.15	163	121422	7.384	ng		99
51) 2,6-Dinitrotoluene	14.26	165	21659	7.330	ng		88
52) Acenaphthene	14.76	154	89619	7.209	ng		98
53) 3-Nitroaniline	14.58	138	23307	6.845	ng		97
54) 2,4-Dinitrophenol	14.78	184	6718	4.897	ng	#	26
55) Dibenzofuran	15.09	168	143469	7.702	ng		99
56) 4-Nitrophenol	14.87	139	18182	6.863	ng	#	86
57) 2,4-Dinitrotoluene	15.04	165	26505	6.713	ng	#	91
58) Fluorene	15.74	166	120234	7.804	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.31	232	30142m	6.937	ng		
60) Diethylphthalate	15.51	149	131580	7.484	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	61086	7.307	ng		96
62) 4-Nitroaniline	15.73	138	24334	6.488	ng		95
63) Azobenzene	16.03	77	143812	7.817	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	12307	6.681	ng		91
66) n-Nitrosodiphenylamine	15.94	169	104753	7.598	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	38819	6.826	ng	#	85
68) Hexachlorobenzene	16.75	284	42704	6.954	ng		94
69) Atrazine	16.90	200	47945	8.999	ng		93
70) Pentachlorophenol	17.09	266	21723	6.234	ng		95
71) Phenanthrene	17.48	178	196716m	7.956	ng		
72) Anthracene	17.57	178	203731	8.366	ng		97
73) Carbazole	17.84	167	188027	8.062	ng		94
74) Di-n-butylphthalate	18.42	149	237390	8.082	ng	#	96
75) Fluoranthene	19.49	202	248821	8.327	ng		95
77) Benzidine	19.66	184	151854	8.706	ng		97
78) Pyrene	19.85	202	251422	7.544	ng		96
80) Butylbenzylphthalate	20.75	149	100411	6.750	ng		96
81) Benzo(a)anthracene	21.70	228	249632	7.618	ng		97
82) 3,3'-Dichlorobenzidine	21.61	252	103812	7.957	ng	#	96
83) Chrysene	21.76	228	233340	7.482	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	152324	7.343	ng		97
85) Di-n-octyl phthalate	22.87	149	249448	7.002	ng		99
86) Indeno(1,2,3-cd)pyrene	28.61	276	290850	7.061	ng		93
88) Benzo(b)fluoranthene	23.92	252	247450	7.188	ng	#	93
89) Benzo(k)fluoranthene	23.98	252	245416	7.606	ng		94
90) Benzo(a)pyrene	24.78	252	228339	7.122	ng		93
91) Dibenzo(a,h)anthracene	28.68	278	238477	7.459	ng	#	93
92) Benzo(g,h,i)perylene	29.73	276	236567	7.387	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044694.D
Acq On : 6 Mar 2020 12:38
Operator : CG/JU
Sample : L1161-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 04:55:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 03:42:13 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Manual Integrations APPROVED
mohammad
3/9/2020 3:07:48 PM