Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037455.D
Acq On : 19 Oct 2018 15:57
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:15 PM

Quant Time: Oct 20 01:24:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51820	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	240998	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	162075	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	390386	20.00	ng		0.00
76) Chrysene-d12	21.77	240	355493	20.00	ng		0.00
87) Perylene-d12	25.11	264	357626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	439632	141.84	ng		0.00
7) Phenol-d6	7.25	99	644306	137.47	ng		0.00
23) Nitrobenzene-d5	9.28	82	362106	84.17	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	238874	135.13	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	869024	80.85	ng		0.00
79) Terphenyl-d14	20.09	244	1302144	78.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	7310	4.651	ng	#	92
3) Pyridine	3.95	79	19790	4.995	ng	#	82
4) n-Nitrosodimethylamine	3.86	42	8219	5.824	ng	#	88
6) Aniline	7.43	93	19232	3.364	ng		94
8) 2-Chlorophenol	7.67	128	18319	5.052	ng		93
9) Benzaldehyde	7.25	77	14170	4.833	ng		95
10) Phenol	7.28	94	25747	5.206	ng		92
11) bis(2-Chloroethyl)ether	7.52	93	18212	4.849	ng		96
12) 1,3-Dichlorobenzene	7.99	146	20801	5.153	ng		96
13) 1,4-Dichlorobenzene	8.14	146	20716	5.017	ng		99
14) 1,2-Dichlorobenzene	8.46	146	20138	5.070	ng		93
15) Benzyl Alcohol	8.34	79	16417	4.740	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	34944	5.200	ng		97
17) 2-Methylphenol	8.54	107	16384	5.011	ng	#	94
18) Hexachloroethane	9.19	117	7080	5.029	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	14551	4.508	ng	#	94
20) 3+4-Methylphenols	8.86	107	22287	4.768	ng		97
22) Acetophenone	8.93	105	30331	5.018	ng	#	94
24) Nitrobenzene	9.33	77	23497	5.258	ng	#	93
25) Isophorone	9.85	82	41685	5.303	ng		95
26) 2-Nitrophenol	10.04	139	9161	4.550	ng		89
27) 2,4-Dimethylphenol	10.07	122	19306	5.371	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	27588	5.357	ng	#	94
29) 2,4-Dichlorophenol	10.56	162	18013	4.500	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	21811	5.011	ng		99
31) Naphthalene	10.98	128	66136	5.587	ng		99
32) Benzoic acid	10.12	122	4125	1.767	ng	#	83
33) 4-Chloroaniline	11.09	127	18430	3.314	ng		98
34) Hexachlorobutadiene	11.24	225	12382	4.800	ng		89
35) Caprolactam	11.85	113	5939	3.700	ng	#	84
36) 4-Chloro-3-methylphenol	12.18	107	20687	4.583	ng		97
37) 2-Methylnaphthalene	12.58	142	49386	5.723	ng		96
38) 1-Methylnaphthalene	12.79	142	46871	5.593	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	25081	4.798	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037455.D
Acq On : 19 Oct 2018 15:57
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:15 PM

Quant Time: Oct 20 01:24:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	12497	5.004	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	14749	4.223	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	17721	4.660	ng		96
46) 1,1'-Biphenyl	13.58	154	64836	4.830	ng		97
47) 2-Chloronaphthalene	13.62	162	50607	4.984	ng		98
48) 2-Nitroaniline	13.83	65	13472	4.375	ng		94
49) Acenaphthylene	14.46	152	83435	5.462	ng		99
50) Dimethylphthalate	14.19	163	66294	5.287	ng		98
51) 2,6-Dinitrotoluene	14.32	165	12388	4.466	ng		94
52) Acenaphthene	14.80	154	48578	5.164	ng		95
53) 3-Nitroaniline	14.65	138	11494	3.733	ng	#	97
54) 2,4-Dinitrophenol	14.85	184	606	7.064	ng	#	58
55) Dibenzofuran	15.14	168	83147	5.334	ng		96
56) 4-Nitrophenol	14.93	139	6584	2.889	ng		92
57) 2,4-Dinitrotoluene	15.10	165	15913	4.370	ng		97
58) Fluorene	15.79	166	65878	5.644	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	14782	4.540	ng		98
60) Diethylphthalate	15.54	149	67472	5.242	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	34668	5.096	ng		98
62) 4-Nitroaniline	15.81	138	13113	4.286	ng		89
63) Azobenzene	16.07	77	64808	5.277	ng		95
65) 4,6-Dinitro-2-methylphenol	15.85	198	3125	9.763	ng		95
66) n-Nitrosodiphenylamine	15.99	169	58249	4.960	ng		97
67) 4-Bromophenyl-phenylether	16.67	248	19404	4.526	ng		92
68) Hexachlorobenzene	16.78	284	21227	4.777	ng		99
69) Atrazine	16.93	200	20078	4.729	ng		97
70) Pentachlorophenol	17.12	266	6279	2.110	ng		94
71) Phenanthrene	17.52	178	113496	5.720	ng		96
72) Anthracene	17.62	178	109918	5.645	ng		98
73) Carbazole	17.89	167	95289	4.892	ng		98
74) Di-n-butylphthalate	18.43	149	105443	4.867	ng	#	96
75) Fluoranthene	19.53	202	125788	5.590	ng		97
77) Benzidine	19.72	184	12899	1.067	ng		98
78) Pyrene	19.89	202	127723	5.496	ng		96
80) Butylbenzylphthalate	20.77	149	41113	4.323	ng		92
81) Benzo(a)anthracene	21.75	228	117106	5.569	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	24693	3.030	ng	#	93
83) Chrysene	21.82	228	110802	5.480	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	59310	4.449	ng		96
85) Di-n-octyl phthalate	22.88	149	93591	4.305	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	91430	4.216	ng	#	76
88) Benzo(b)fluoranthene	24.03	252	103994	5.304	ng		99
89) Benzo(k)fluoranthene	24.10	252	108259m	5.636	ng		
90) Benzo(a)pyrene	24.95	252	96092	5.158	ng		97
91) Dibenzo(a,h)anthracene	28.99	278	70020	4.074	ng		95
92) Benzo(g,h,i)perylene	30.13	276	78808	4.533	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037455.D
Acq On : 19 Oct 2018 15:57
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 5PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 20 01:24:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:15 PM