Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
Data File : BF124959.D
Acq On : 6 Aug 2021 12:31
Operator : JU/CG
Sample : M2262-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/9/2021 12:16:07 PM

Quant Time: Aug 06 12:54:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	7081	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	26077	20.000	ng	#	0.00
39) Acenaphthene-d10	9.863	164	14507	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	26135	20.000	ng		0.00
76) Chrysene-d12	13.986	240	20292	20.000	ng		0.00
86) Perylene-d12	15.445	264	17167	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	44310	102.506	ng		0.00
7) Phenol-d6	6.457	99	55432	101.699	ng		0.00
23) Nitrobenzene-d5	7.392	82	33303	66.809	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	13514	104.270	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	68119	68.708	ng		0.00
79) Terphenyl-d14	12.939	244	74757	62.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	1381	8.540	ng	#	100
3) Pyridine	3.393	79	2159m	5.745	ng		
4) n-Nitrosodimethylamine	3.275	42	1673	6.269	ng		88
6) Aniline	6.492	93	5393	9.367	ng		95
8) 2-Chlorophenol	6.610	128	3740	7.888	ng		87
9) Benzaldehyde	6.381	77	3083	10.397	ng		97
10) Phenol	6.469	94	4454	7.920	ng		97
11) bis(2-Chloroethyl)ether	6.563	93	3498	8.291	ng		99
12) 1,3-Dichlorobenzene	6.769	146	4274	8.282	ng		96
13) 1,4-Dichlorobenzene	6.845	146	4362	8.455	ng		92
14) 1,2-Dichlorobenzene	6.998	146	4188	8.662	ng		95
15) Benzyl Alcohol	6.969	79	3320	8.444	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.104	45	5866	8.678	ng		93
17) 2-Methylphenol	7.075	107	2744	7.731	ng		93
18) Hexachloroethane	7.339	117	1601	7.926	ng		87
19) n-Nitroso-di-n-propyla...	7.233	70	2460	7.606	ng		96
20) 3+4-Methylphenols	7.228	107	3851	8.173	ng		91
22) Acetophenone	7.233	105	5371	8.410	ng	#	90
24) Nitrobenzene	7.410	77	3916	8.119	ng		95
25) Isophorone	7.645	82	7020	8.251	ng	#	92
26) 2-Nitrophenol	7.728	139	1815	7.410	ng	#	89
27) 2,4-Dimethylphenol	7.757	122	3059	8.810	ng	#	73
28) bis(2-Chloroethoxy)met...	7.857	93	4280	8.839	ng	#	95
29) 2,4-Dichlorophenol	7.963	162	2996	7.745	ng		95
30) 1,2,4-Trichlorobenzene	8.051	180	3487	8.043	ng		96
31) Naphthalene	8.133	128	11465	8.557	ng		96
32) Benzoic acid	7.857	122	752	10.528	ng	#	76
33) 4-Chloroaniline	8.180	127	4419	8.851	ng		96
34) Hexachlorobutadiene	8.251	225	2164	8.359	ng	#	80
35) Caprolactam	8.516	113	676	6.581	ng	#	87
36) 4-Chloro-3-methylphenol	8.657	107	3176	7.849	ng		95
37) 2-Methylnaphthalene	8.822	142	7651	8.493	ng		99
38) 1-Methylnaphthalene	8.922	142	6753	8.012	ng		96
40) 1,2,4,5-Tetrachloroben...	8.986	216	3386	8.132	ng		96
41) Hexachlorocyclopentadiene	8.975	237	865	10.481	ng		88
43) 2,4,6-Trichlorophenol	9.098	196	1906m	6.876	ng		

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
Data File : BF124959.D
Acq On : 6 Aug 2021 12:31
Operator : JU/CG
Sample : M2262-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/9/2021 12:16:07 PM

Quant Time: Aug 06 12:54:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	2276	8.111	ng		91
46) 1,1'-Biphenyl	9.286	154	9351	8.650	ng		98
47) 2-Chloronaphthalene	9.310	162	7121	8.280	ng		90
48) 2-Nitroaniline	9.404	65	2030	8.035	ng	#	84
49) Acenaphthylene	9.727	152	11408	8.732	ng		94
50) Dimethylphthalate	9.580	163	8287	8.430	ng	#	97
51) 2,6-Dinitrotoluene	9.645	165	1617	7.387	ng	#	87
52) Acenaphthene	9.898	154	6448	8.141	ng		100
53) 3-Nitroaniline	9.816	138	1755	7.612	ng	#	64
54) 2,4-Dinitrophenol	9.927	184	299	7.937	ng	#	42
55) Dibenzofuran	10.069	168	10545	8.519	ng		98
56) 4-Nitrophenol	9.969	139	1004	6.606	ng	#	78
57) 2,4-Dinitrotoluene	10.051	165	2321	7.809	ng	#	80
58) Fluorene	10.410	166	8032	8.463	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.186	232	1626	7.723	ng	#	85
60) Diethylphthalate	10.280	149	8428	8.354	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	4030	8.992	ng		91
62) 4-Nitroaniline	10.421	138	1521	6.795	ng		91
63) Azobenzene	10.563	77	7849	7.956	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	998	6.095	ng		85
66) n-Nitrosodiphenylamine	10.521	169	6508	7.683	ng		96
67) 4-Bromophenyl-phenylether	10.892	248	2183	7.626	ng		92
68) Hexachlorobenzene	10.957	284	2558	8.214	ng		96
69) Atrazine	11.045	200	2236	8.785	ng		94
70) Pentachlorophenol	11.157	266	572	7.303	ng	#	84
71) Phenanthrene	11.374	178	11946	8.426	ng		98
72) Anthracene	11.427	178	12312	8.657	ng		96
73) Carbazole	11.580	167	10201	7.821	ng		95
74) Di-n-butylphthalate	11.910	149	13938	8.409	ng	#	97
75) Fluoranthene	12.563	202	11899	8.113	ng		96
77) Benzidine	12.680	184	6542	12.049	ng		97
78) Pyrene	12.792	202	12358	7.732	ng		96
80) Butylbenzylphthalate	13.404	149	5139	7.225	ng		93
81) Benzo(a)anthracene	13.974	228	10541	7.971	ng		96
82) 3,3'-Dichlorobenzidine	13.939	252	3826	10.974	ng		96
83) Chrysene	14.015	228	9795	7.662	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	7721	7.825	ng		98
85) Di-n-octyl phthalate	14.574	149	12063	7.749	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.892	276	7897	7.725	ng	#	91
88) Benzo(b)fluoranthene	15.015	252	10278	8.527	ng		96
89) Benzo(k)fluoranthene	15.045	252	8641m	7.880	ng		
90) Benzo(a)pyrene	15.380	252	8175	7.964	ng		96
91) Dibenzo(a,h)anthracene	16.903	278	6720	7.476	ng	#	95
92) Benzo(g,h,i)perylene	17.333	276	6130	7.110	ng	#	85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
Data File : BF124959.D
Acq On : 6 Aug 2021 12:31
Operator : JU/CG
Sample : M2262-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 12:54:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/9/2021 12:16:07 PM