Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
Data File : BG054273.D
Acq On : 13 Jul 2022 17:25
Operator : CG/JU
Sample : N3214-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Quant Time: Jul 13 17:57:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 13 12:11:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.036	152	18992	20.000	ng		0.00
21) Naphthalene-d8	10.844	136	69340	20.000	ng	#	0.00
39) Acenaphthene-d10	14.669	164	56825	20.000	ng		0.00
64) Phenanthrene-d10	17.413	188	158915	20.000	ng	#	0.00
76) Chrysene-d12	21.684	240	204533	20.000	ng	#	0.00
86) Perylene-d12	24.922	264	211204	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.603	112	130320	137.861	ng		0.00
7) Phenol-d6	7.201	99	178211	136.685	ng		0.00
23) Nitrobenzene-d5	9.199	82	101545	79.471	ng		0.00
42) 2,4,6-Tribromophenol	16.162	330	180802	164.253	ng		0.00
45) 2-Fluorobiphenyl	13.294	172	328255	84.878	ng		0.00
79) Terphenyl-d14	20.022	244	837522	84.205	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.488	88	3143	7.603	ng		89
3) Pyridine	3.894	79	7624	7.384	ng		91
4) n-Nitrosodimethylamine	3.800	42	4301	8.245	ng		84
6) Aniline	7.360	93	14277	9.315	ng		97
8) 2-Chlorophenol	7.607	128	9354	8.829	ng		86
9) Benzaldehyde	7.172	77	8637	11.031	ng	#	74
10) Phenol	7.225	94	11503	8.745	ng		80
11) bis(2-Chloroethyl)ether	7.454	93	8093	8.343	ng		81
12) 1,3-Dichlorobenzene	7.930	146	11337	8.812	ng		94
13) 1,4-Dichlorobenzene	8.071	146	11910	9.034	ng		97
14) 1,2-Dichlorobenzene	8.394	146	11593	9.158	ng		94
15) Benzyl Alcohol	8.277	79	9050	8.610	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.559	45	9821	7.291	ng		90
17) 2-Methylphenol	8.482	107	7469	7.947	ng		96
18) Hexachloroethane	9.123	117	4106	9.154	ng	#	49
19) n-Nitroso-di-n-propyla...	8.835	70	7282	8.181	ng	#	94
20) 3+4-Methylphenols	8.811	107	10673	8.093	ng		90
22) Acetophenone	8.858	105	15191	9.065	ng	#	98
24) Nitrobenzene	9.240	77	11632	9.260	ng	#	88
25) Isophorone	9.757	82	20481	8.861	ng	#	94
26) 2-Nitrophenol	9.957	139	5610	9.065	ng	#	79
27) 2,4-Dimethylphenol	10.016	122	9093	10.504	ng		96
28) bis(2-Chloroethoxy)met...	10.245	93	11256	9.566	ng		95
29) 2,4-Dichlorophenol	10.498	162	11517	9.180	ng		93
30) 1,2,4-Trichlorobenzene	10.709	180	14556	9.403	ng		95
31) Naphthalene	10.897	128	32168	9.225	ng		95
32) Benzoic acid	10.169	122	4491	12.750	ng	#	74
33) 4-Chloroaniline	11.003	127	13154	9.071	ng	#	91
34) Hexachlorobutadiene	11.185	225	13402	10.434	ng		92
35) Caprolactam	11.755	113	3304	9.247	ng	#	76
36) 4-Chloro-3-methylphenol	12.131	107	10462	8.667	ng		90
37) 2-Methylnaphthalene	12.501	142	23816	8.913	ng		97
38) 1-Methylnaphthalene	12.718	142	23817	9.180	ng		93
40) 1,2,4,5-Tetrachloroben...	12.871	216	23332	10.115	ng	#	95
41) Hexachlorocyclopentadiene	12.848	237	9735	16.876	ng		97
43) 2,4,6-Trichlorophenol	13.112	196	11894	8.979	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
Data File : BG054273.D
Acq On : 13 Jul 2022 17:25
Operator : CG/JU
Sample : N3214-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Quant Time: Jul 13 17:57:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 13 12:11:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.189	196	12924	8.919	ng	#	88
46) 1,1'-Biphenyl	13.506	154	36940	9.667	ng		92
47) 2-Chloronaphthalene	13.547	162	29401	9.204	ng		97
48) 2-Nitroaniline	13.747	65	7592	8.397	ng	#	89
49) Acenaphthylene	14.393	152	46366	9.567	ng		97
50) Dimethylphthalate	14.117	163	40423	9.060	ng		98
51) 2,6-Dinitrotoluene	14.234	165	8719	8.991	ng	#	77
52) Acenaphthene	14.734	154	26887	9.173	ng		97
53) 3-Nitroaniline	14.569	138	6931	8.063	ng	#	94
54) 2,4-Dinitrophenol	14.787	184	5244	11.533	ng	#	72
55) Dibenzofuran	15.069	168	49519	9.618	ng		94
56) 4-Nitrophenol	14.887	139	4673	8.462	ng		92
57) 2,4-Dinitrotoluene	15.028	165	12843	9.146	ng	#	81
58) Fluorene	15.715	166	39906	9.330	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.298	232	12532	8.635	ng	#	81
60) Diethylphthalate	15.474	149	39157	8.998	ng		96
61) 4-Chlorophenyl-phenyle...	15.703	204	27110	9.979	ng	#	83
62) 4-Nitroaniline	15.733	138	7600	8.465	ng		90
63) Azobenzene	15.997	77	27700	8.446	ng		82
65) 4,6-Dinitro-2-methylph...	15.797	198	9826	10.511	ng		77
66) n-Nitrosodiphenylamine	15.915	169	36653	9.144	ng		94
67) 4-Bromophenyl-phenylether	16.596	248	19811	9.347	ng		92
68) Hexachlorobenzene	16.726	284	23471	9.702	ng	#	89
69) Atrazine	16.861	200	17903	10.113	ng		92
70) Pentachlorophenol	17.072	266	9684	9.964	ng		95
71) Phenanthrene	17.454	178	71917	9.047	ng		98
72) Anthracene	17.548	178	72601	9.326	ng		98
73) Carbazole	17.813	167	61737	9.364	ng	#	96
74) Di-n-butylphthalate	18.365	149	69814	8.943	ng		98
75) Fluoranthene	19.464	202	101961	9.431	ng		97
77) Benzidine	19.640	184	41298	11.502	ng		99
78) Pyrene	19.828	202	104700	8.895	ng		98
80) Butylbenzylphthalate	20.703	149	30889	8.099	ng	#	84
81) Benzo(a)anthracene	21.667	228	116860	9.032	ng		99
82) 3,3'-Dichlorobenzidine	21.579	252	45339	11.465	ng	#	98
83) Chrysene	21.731	228	109414	8.941	ng		97
84) Bis(2-ethylhexyl)phtha...	21.567	149	46723	8.634	ng	#	91
85) Di-n-octyl phthalate	22.777	149	78687	8.446	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.623	276	145988	9.188	ng	#	97
88) Benzo(b)fluoranthene	23.894	252	120133	9.592	ng	#	98
89) Benzo(k)fluoranthene	23.958	252	120926	9.733	ng	#	96
90) Benzo(a)pyrene	24.769	252	117242	10.941	ng	#	98
91) Dibenzo(a,h)anthracene	28.676	278	127010	9.758	ng	#	96
92) Benzo(g,h,i)perylene	29.787	276	125542	9.670	ng	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
Data File : BG054273.D
Acq On : 13 Jul 2022 17:25
Operator : CG/JU
Sample : N3214-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Quant Time: Jul 13 17:57:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 13 12:11:21 2022
Response via : Initial Calibration