Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056488.D
Acq On : 31 Jan 2023 16:52
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 01 01:23:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	35183	20.000	ng		0.00
21) Naphthalene-d8	11.107	136	135697	20.000	ng		0.00
39) Acenaphthene-d10	14.897	164	110448	20.000	ng		0.00
64) Phenanthrene-d10	17.635	188	285675	20.000	ng		0.00
76) Chrysene-d12	21.924	240	264862	20.000	ng		0.00
86) Perylene-d12	25.344	264	288198	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	211435	110.551	ng		0.00
7) Phenol-d6	7.424	99	306594	108.193	ng		0.00
23) Nitrobenzene-d5	9.456	82	180532	75.547	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	170478	116.103	ng		0.00
45) 2-Fluorobiphenyl	13.522	172	613120	76.963	ng		0.00
79) Terphenyl-d14	20.209	244	1148289	76.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	7666	9.626	ng	#	94
3) Pyridine	4.028	79	21867	9.211	ng	#	91
4) n-Nitrosodimethylamine	3.934	42	4670	9.250	ng	#	82
6) Aniline	7.588	93	34420	9.277	ng		95
8) 2-Chlorophenol	7.835	128	20017	9.527	ng		98
9) Benzaldehyde	7.406	77	17054	10.442	ng		95
10) Phenol	7.447	94	27295	9.477	ng		99
11) bis(2-Chloroethyl)ether	7.682	93	19112	9.654	ng		97
12) 1,3-Dichlorobenzene	8.164	146	25123	10.385	ng		97
13) 1,4-Dichlorobenzene	8.317	146	25552	10.430	ng		99
14) 1,2-Dichlorobenzene	8.634	146	24803	10.435	ng		97
15) Benzyl Alcohol	8.511	79	18250	9.387	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.787	45	3995	9.524	ng		88
17) 2-Methylphenol	8.716	107	18765	8.564	ng		93
18) Hexachloroethane	9.374	117	8025	10.830	ng		95
19) n-Nitroso-di-n-propyla...	9.075	70	15767	9.655	ng		94
20) 3+4-Methylphenols	9.045	107	26256	8.550	ng		98
22) Acetophenone	9.104	105	35829	9.937	ng	#	99
24) Nitrobenzene	9.498	77	23449	10.173	ng		93
25) Isophorone	10.015	82	47357	9.606	ng		98
26) 2-Nitrophenol	10.214	139	13555	9.692	ng	#	89
27) 2,4-Dimethylphenol	10.256	122	19480m	8.323	ng		
28) bis(2-Chloroethoxy)met...	10.491	93	26854	9.860	ng	#	93
29) 2,4-Dichlorophenol	10.755	162	24991	9.486	ng		95
30) 1,2,4-Trichlorobenzene	10.966	180	29933	10.224	ng		93
31) Naphthalene	11.160	128	70469	9.839	ng		97
32) Benzoic acid	10.373	122	17225m	13.154	ng		
33) 4-Chloroaniline	11.266	127	31836	9.523	ng		97
34) Hexachlorobutadiene	11.437	225	22218	10.812	ng		89
35) Caprolactam	12.012	113	7945	8.942	ng		92
36) 4-Chloro-3-methylphenol	12.365	107	25105	9.867	ng		90
37) 2-Methylnaphthalene	12.747	142	55423	9.386	ng		96
38) 1-Methylnaphthalene	12.964	142	52116	9.451	ng		95
40) 1,2,4,5-Tetrachloroben...	13.105	216	41549	10.297	ng		99
41) Hexachlorocyclopentadiene	13.082	237	14091	12.434	ng		92
43) 2,4,6-Trichlorophenol	13.340	196	25451	9.788	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056488.D
Acq On : 31 Jan 2023 16:52
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 01:23:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	27250	8.951	ng		96
46) 1,1'-Biphenyl	13.734	154	82833	10.340	ng		97
47) 2-Chloronaphthalene	13.787	162	64130	10.242	ng		99
48) 2-Nitroaniline	13.981	65	11766	9.090	ng		93
49) Acenaphthylene	14.621	152	100525	9.867	ng		99
50) Dimethylphthalate	14.333	163	87218	9.761	ng		98
51) 2,6-Dinitrotoluene	14.462	165	18502	9.495	ng		95
52) Acenaphthene	14.962	154	58860	9.743	ng		99
53) 3-Nitroaniline	14.791	138	17358	9.188	ng		93
54) 2,4-Dinitrophenol	15.009	184	8087	6.620	ng		93
55) Dibenzofuran	15.291	168	107563	9.928	ng		99
56) 4-Nitrophenol	15.103	139	11833	9.167	ng		93
57) 2,4-Dinitrotoluene	15.250	165	27049	9.855	ng		99
58) Fluorene	15.937	166	85316	9.896	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.514	232	26056m	9.626	ng		
60) Diethylphthalate	15.679	149	84268	10.043	ng		98
61) 4-Chlorophenyl-phenyle...	15.919	204	51825	9.851	ng		98
62) 4-Nitroaniline	15.949	138	18258	9.659	ng		97
63) Azobenzene	16.213	77	57678	9.990	ng		99
65) 4,6-Dinitro-2-methylph...	16.014	198	16375	8.153	ng		98
66) n-Nitrosodiphenylamine	16.131	169	78730	9.734	ng		98
67) 4-Bromophenyl-phenylether	16.813	248	35600	9.734	ng		97
68) Hexachlorobenzene	16.942	284	37486	10.465	ng		99
69) Atrazine	17.065	200	34870	11.175	ng		97
70) Pentachlorophenol	17.288	266	15922m	7.346	ng		
71) Phenanthrene	17.676	178	147439	9.861	ng		98
72) Anthracene	17.764	178	151831	9.892	ng		100
73) Carbazole	18.035	167	130101	9.953	ng		99
74) Di-n-butylphthalate	18.558	149	132280	9.637	ng		99
75) Fluoranthene	19.668	202	183782	9.739	ng		99
77) Benzidine	19.838	184	98632	13.761	ng		98
78) Pyrene	20.032	202	189373	10.053	ng		99
80) Butylbenzylphthalate	20.884	149	53701	9.334	ng		99
81) Benzo(a)anthracene	21.901	228	183925	9.933	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	73945	11.089	ng		100
83) Chrysene	21.971	228	166319	9.561	ng		98
84) Bis(2-ethylhexyl)phtha...	21.760	149	77899	9.444	ng		98
85) Di-n-octyl phthalate	23.035	149	129914	9.458	ng	#	99
87) Indeno(1,2,3-cd)pyrene	29.269	276	203026	9.624	ng	#	93
88) Benzo(b)fluoranthene	24.251	252	191988m	10.733	ng		
89) Benzo(k)fluoranthene	24.321	252	181395	10.044	ng		98
90) Benzo(a)pyrene	25.179	252	163779	9.295	ng		99
91) Dibenzo(a,h)anthracene	29.339	278	178894	10.102	ng	#	98
92) Benzo(g,h,i)perylene	30.520	276	172585	10.101	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056488.D
Acq On : 31 Jan 2023 16:52
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 01 01:23:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023