Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056487.D
Acq On : 31 Jan 2023 16:11
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 10 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 01:23:15 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)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	37297	20.000	ng		0.00
21) Naphthalene-d8	11.108	136	141301	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	115349	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	292262	20.000	ng		0.00
76) Chrysene-d12	21.925	240	266124	20.000	ng		0.00
86) Perylene-d12	25.350	264	294093	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	217218	107.137	ng		0.00
7) Phenol-d6	7.424	99	312286	103.955	ng		0.00
23) Nitrobenzene-d5	9.451	82	182139	73.197	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	179414	116.997	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	631841	75.943	ng		0.00
79) Terphenyl-d14	20.209	244	1148064	75.770	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	3580	4.241	ng	#	89
3) Pyridine	4.034	79	7506	2.983	ng		97
4) n-Nitrosodimethylamine	3.940	42	1896	3.543	ng	#	32
6) Aniline	7.588	93	13951	3.547	ng		97
8) 2-Chlorophenol	7.835	128	9456	4.246	ng		95
9) Benzaldehyde	7.400	77	7410	3.843	ng	#	84
10) Phenol	7.447	94	12580	4.120	ng		91
11) bis(2-Chloroethyl)ether	7.682	93	7916	3.772	ng		95
12) 1,3-Dichlorobenzene	8.164	146	9716m	3.789	ng		
13) 1,4-Dichlorobenzene	8.311	146	10968	4.223	ng		97
14) 1,2-Dichlorobenzene	8.634	146	9524	3.780	ng		92
15) Benzyl Alcohol	8.517	79	6830	3.314	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.799	45	1735	3.902	ng		95
17) 2-Methylphenol	8.717	107	7883	3.394	ng		98
18) Hexachloroethane	9.369	117	3057	3.892	ng		91
19) n-Nitroso-di-n-propyla...	9.075	70	6428	3.713	ng		93
20) 3+4-Methylphenols	9.040	107	10715	3.292	ng		89
22) Acetophenone	9.104	105	14679	3.910	ng	#	96
24) Nitrobenzene	9.498	77	9708	4.045	ng	#	85
25) Isophorone	10.009	82	19711	3.840	ng	#	87
26) 2-Nitrophenol	10.215	139	5431	3.729	ng		93
27) 2,4-Dimethylphenol	10.262	122	7636	3.133	ng		98
28) bis(2-Chloroethoxy)met...	10.491	93	11051	3.897	ng		95
29) 2,4-Dichlorophenol	10.761	162	9740	3.550	ng		92
30) 1,2,4-Trichlorobenzene	10.967	180	13241	4.343	ng	#	92
31) Naphthalene	11.161	128	27416	3.676	ng		97
33) 4-Chloroaniline	11.267	127	12175	3.497	ng		94
34) Hexachlorobutadiene	11.431	225	9046	4.227	ng		97
35) Caprolactam	12.013	113	3431	3.708	ng		91
36) 4-Chloro-3-methylphenol	12.365	107	10374	3.916	ng		97
37) 2-Methylnaphthalene	12.741	142	21726	3.534	ng		95
38) 1-Methylnaphthalene	12.965	142	20210	3.520	ng		95
40) 1,2,4,5-Tetrachloroben...	13.106	216	15664	3.717	ng		94
41) Hexachlorocyclopentadiene	13.076	237	4543	8.243	ng		96
43) 2,4,6-Trichlorophenol	13.341	196	10192	3.753	ng		91
44) 2,4,5-Trichlorophenol	13.423	196	11043	3.473	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056487.D
Acq On : 31 Jan 2023 16:11
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 10 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 01:23:15 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)
46) 1,1'-Biphenyl	13.734	154	33201	3.968	ng		99
47) 2-Chloronaphthalene	13.781	162	25170	3.849	ng		99
48) 2-Nitroaniline	13.987	65	4497	3.326	ng	#	71
49) Acenaphthylene	14.621	152	40918	3.846	ng		98
50) Dimethylphthalate	14.328	163	34532	3.700	ng		99
51) 2,6-Dinitrotoluene	14.463	165	7367	3.620	ng		97
52) Acenaphthene	14.956	154	24800	3.931	ng		93
53) 3-Nitroaniline	14.798	138	6745	3.419	ng	#	93
55) Dibenzofuran	15.291	168	44060	3.894	ng		97
56) 4-Nitrophenol	15.109	139	5192	3.851	ng	#	77
57) 2,4-Dinitrotoluene	15.250	165	11419	3.983	ng	#	99
58) Fluorene	15.938	166	34858	3.871	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.520	232	9774	3.457	ng	#	98
60) Diethylphthalate	15.679	149	33810	3.858	ng		99
61) 4-Chlorophenyl-phenyle...	15.914	204	20533	3.737	ng		98
62) 4-Nitroaniline	15.949	138	6817	3.453	ng		94
63) Azobenzene	16.214	77	22901	3.798	ng		95
65) 4,6-Dinitro-2-methylph...	16.014	198	5777	2.812	ng		89
66) n-Nitrosodiphenylamine	16.131	169	31277	3.780	ng		97
67) 4-Bromophenyl-phenylether	16.813	248	14886	3.979	ng		96
68) Hexachlorobenzene	16.942	284	14936	4.076	ng		97
69) Atrazine	17.066	200	13873	4.346	ng		96
70) Pentachlorophenol	17.289	266	6091	2.747	ng		92
71) Phenanthrene	17.677	178	58930	3.853	ng		96
72) Anthracene	17.765	178	60366	3.844	ng		100
73) Carbazole	18.029	167	51529	3.853	ng		99
74) Di-n-butylphthalate	18.558	149	52747	3.756	ng		99
75) Fluoranthene	19.668	202	74480	3.858	ng		98
77) Benzidine	19.839	184	36639	5.088	ng		97
78) Pyrene	20.033	202	80022	4.228	ng		97
80) Butylbenzylphthalate	20.885	149	21220	3.671	ng		97
81) Benzo(a)anthracene	21.901	228	71679	3.853	ng		100
82) 3,3'-Dichlorobenzidine	21.801	252	30113	4.495	ng		97
83) Chrysene	21.972	228	67216	3.845	ng		97
84) Bis(2-ethylhexyl)phtha...	21.760	149	30703	3.705	ng		98
85) Di-n-octyl phthalate	23.029	149	50308	3.645	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.275	276	78795	3.660	ng	#	93
88) Benzo(b)fluoranthene	24.245	252	72613	3.978	ng		99
89) Benzo(k)fluoranthene	24.316	252	71603	3.885	ng		98
90) Benzo(a)pyrene	25.180	252	66412	3.693	ng		98
91) Dibenzo(a,h)anthracene	29.334	278	70772	3.916	ng	#	98
92) Benzo(g,h,i)perylene	30.515	276	67744	3.885	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056487.D
Acq On : 31 Jan 2023 16:11
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 01 01:23:15 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