Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055719.D
Acq On : 21 Nov 2022 17:42
Operator : CG/JU
Sample : N5698-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 02:05:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.243	152	32516	20.000	ng		0.00
21) Naphthalene-d8	11.075	136	152277	20.000	ng		0.00
39) Acenaphthene-d10	14.871	164	117531	20.000	ng		0.00
64) Phenanthrene-d10	17.609	188	279496	20.000	ng		0.00
76) Chrysene-d12	21.910	240	251599	20.000	ng		0.00
86) Perylene-d12	25.318	264	268562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.776	112	248931	138.377	ng		0.00
7) Phenol-d6	7.397	99	334708	139.772	ng		0.00
23) Nitrobenzene-d5	9.419	82	202859	70.412	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	196112	118.497	ng		0.00
45) 2-Fluorobiphenyl	13.496	172	550677	70.193	ng		0.00
79) Terphenyl-d14	20.194	244	967801	76.937	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.602	88	28258	36.757	ng		94
3) Pyridine	4.019	79	82547	35.001	ng		98
4) n-Nitrosodimethylamine	3.925	42	54220	43.423	ng		98
6) Aniline	7.562	93	93543	31.100	ng		99
8) 2-Chlorophenol	7.809	128	112238	54.577	ng		98
9) Benzaldehyde	7.374	77	61303	37.695	ng		95
10) Phenol	7.421	94	147767	55.110	ng		99
11) bis(2-Chloroethyl)ether	7.650	93	97827	47.609	ng		100
12) 1,3-Dichlorobenzene	8.138	146	110721	45.793	ng		99
13) 1,4-Dichlorobenzene	8.285	146	112286	45.958	ng		99
14) 1,2-Dichlorobenzene	8.608	146	110640	47.256	ng		98
15) Benzyl Alcohol	8.484	79	107182m	55.073	ng		
16) 2,2'-oxybis(1-Chloropr...	8.766	45	183637m	49.367	ng		
17) 2-Methylphenol	8.684	107	105821	55.589	ng		99
18) Hexachloroethane	9.342	117	39280	46.710	ng		99
19) n-Nitroso-di-n-propyla...	9.048	70	91324	49.635	ng		99
20) 3+4-Methylphenols	9.013	107	145896	54.864	ng		99
22) Acetophenone	9.072	105	172274	43.537	ng	#	98
24) Nitrobenzene	9.466	77	129872	43.157	ng		99
25) Isophorone	9.983	82	257865	47.238	ng		100
26) 2-Nitrophenol	10.177	139	67139	48.329	ng		94
27) 2,4-Dimethylphenol	10.229	122	120377m	56.935	ng		
28) bis(2-Chloroethoxy)met...	10.464	93	147190	50.226	ng		98
29) 2,4-Dichlorophenol	10.717	162	127531	50.394	ng		97
30) 1,2,4-Trichlorobenzene	10.934	180	124837	42.461	ng		98
31) Naphthalene	11.128	128	347668	42.234	ng		99
32) Benzoic acid	10.376	122	78056	44.872	ng		94
33) 4-Chloroaniline	11.228	127	40917	12.049	ng		99
34) Hexachlorobutadiene	11.405	225	83879	41.781	ng		98
35) Caprolactam	12.004	113	43251m	49.388	ng		
36) 4-Chloro-3-methylphenol	12.339	107	141966	51.041	ng		99
37) 2-Methylnaphthalene	12.715	142	271512	44.051	ng		99
38) 1-Methylnaphthalene	12.932	142	258584	43.216	ng		98
40) 1,2,4,5-Tetrachloroben...	13.079	216	159275	43.124	ng		99
41) Hexachlorocyclopentadiene	13.056	237	200024	107.452	ng		97
43) 2,4,6-Trichlorophenol	13.314	196	115250	45.744	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055719.D
Acq On : 21 Nov 2022 17:42
Operator : CG/JU
Sample : N5698-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 02:05:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.385	196	126689	45.757	ng		99
46)	1,1'-Biphenyl	13.708	154	377067	44.026	ng		98
47)	2-Chloronaphthalene	13.755	162	289280	43.455	ng		99
48)	2-Nitroaniline	13.954	65	98205	44.870	ng		94
49)	Acenaphthylene	14.595	152	481937	43.963	ng		99
50)	Dimethylphthalate	14.313	163	416442	44.448	ng		100
51)	2,6-Dinitrotoluene	14.436	165	87399	45.623	ng		96
52)	Acenaphthene	14.936	154	352352m	49.180	ng		
53)	3-Nitroaniline	14.771	138	34270	16.296	ng		96
54)	2,4-Dinitrophenol	14.977	184	112609	102.238	ng		97
55)	Dibenzofuran	15.265	168	481612	43.575	ng		98
56)	4-Nitrophenol	15.077	139	148308	89.856	ng		97
57)	2,4-Dinitrotoluene	15.224	165	126198	46.724	ng		96
58)	Fluorene	15.911	166	383113	43.399	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.488	232	117939	43.962	ng		98
60)	Diethylphthalate	15.664	149	414005	43.706	ng		99
61)	4-Chlorophenyl-phenyle...	15.899	204	217143	44.749	ng		99
62)	4-Nitroaniline	15.929	138	89611	40.764	ng		98
63)	Azobenzene	16.187	77	422014	51.031	ng		98
65)	4,6-Dinitro-2-methylph...	15.987	198	76165	48.803	ng		96
66)	n-Nitrosodiphenylamine	16.111	169	348860	45.291	ng		99
67)	4-Bromophenyl-phenylether	16.792	248	145186	45.591	ng		96
68)	Hexachlorobenzene	16.916	284	157974	44.737	ng		99
69)	Atrazine	17.051	200	142019	46.619	ng		98
70)	Pentachlorophenol	17.262	266	185754	85.993	ng		99
71)	Phenanthrene	17.656	178	638694	42.346	ng		99
72)	Anthracene	17.744	178	650279	44.373	ng		99
73)	Carbazole	18.009	167	567952	43.110	ng		99
74)	Di-n-butylphthalate	18.543	149	675485	41.292	ng		99
75)	Fluoranthene	19.654	202	726336	39.584	ng		100
77)	Benzidine	19.818	184	261453	44.918	ng		99
78)	Pyrene	20.012	202	743354	43.649	ng		99
80)	Butylbenzylphthalate	20.876	149	293510	44.024	ng		99
81)	Benzo(a)anthracene	21.892	228	733509	42.328	ng		100
82)	3,3'-Dichlorobenzidine	21.792	252	113268	18.602	ng		100
83)	Chrysene	21.957	228	694025	42.069	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.763	149	422512	44.097	ng		99
85)	Di-n-octyl phthalate	23.032	149	723758	44.140	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.248	276	884584	40.206	ng	#	95
88)	Benzo(b)fluoranthene	24.231	252	773589	44.230	ng		99
89)	Benzo(k)fluoranthene	24.301	252	760770	43.636	ng		99
90)	Benzo(a)pyrene	25.159	252	684511	45.607	ng		100
91)	Dibenzo(a,h)anthracene	29.313	278	753164	41.892	ng		99
92)	Benzo(g,h,i)perylene	30.482	276	736043	40.619	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055719.D
Acq On : 21 Nov 2022 17:42
Operator : CG/JU
Sample : N5698-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 02:05:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022