Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043990.D
Acq On : 06 Feb 2024 14:03
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 07 03:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	272940	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1252635	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	772025	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1706973	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1745284	20.000	ng		0.00
86) Perylene-d12	23.927	264	1996622	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2705413	146.376	ng		0.00
7) Phenol-d6	7.087	99	3742020	137.028	ng		0.00
23) Nitrobenzene-d5	9.092	82	2165828	83.348	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1296432	137.759	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	4849316	86.309	ng		0.00
79) Terphenyl-d14	19.956	244	8325044	92.081	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	82761	11.586	ng		98
3) Pyridine	3.793	79	211967	9.751	ng		97
4) n-Nitrosodimethylamine	3.716	42	95736	10.245	ng	#	96
6) Aniline	7.251	93	314303	11.567	ng		99
8) 2-Chlorophenol	7.481	128	203119	9.898	ng		98
9) Benzaldehyde	7.069	77	202857	13.030	ng		97
10) Phenol	7.110	94	277853	10.233	ng		93
11) bis(2-Chloroethyl)ether	7.357	93	220905	10.380	ng		98
12) 1,3-Dichlorobenzene	7.804	146	227323	10.260	ng		99
13) 1,4-Dichlorobenzene	7.957	146	235128	10.494	ng		99
14) 1,2-Dichlorobenzene	8.269	146	222909	10.088	ng		98
15) Benzyl Alcohol	8.163	79	192912	10.306	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.463	45	311336m	10.909	ng		
17) 2-Methylphenol	8.363	107	170157	9.804	ng		98
18) Hexachloroethane	8.992	117	84679	10.071	ng		97
19) n-Nitroso-di-n-propyla...	8.734	70	184417	10.263	ng		97
20) 3+4-Methylphenols	8.692	107	232542	9.492	ng		98
22) Acetophenone	8.751	105	359366	10.588	ng	#	97
24) Nitrobenzene	9.134	77	264648	10.151	ng		99
25) Isophorone	9.657	82	485645	10.040	ng		99
26) 2-Nitrophenol	9.839	139	95708	9.083	ng		94
27) 2,4-Dimethylphenol	9.898	122	157587	10.892	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	306241	10.367	ng		100
29) 2,4-Dichlorophenol	10.369	162	178036	9.647	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	209142	10.034	ng		99
31) Naphthalene	10.775	128	708519	10.148	ng		99
32) Benzoic acid	9.975	122	88616	11.471	ng		95
33) 4-Chloroaniline	10.892	127	303907	10.590	ng		100
34) Hexachlorobutadiene	11.051	225	111533	9.811	ng		99
35) Caprolactam	11.663	113	67923	8.975	ng		96
36) 4-Chloro-3-methylphenol	12.010	107	213862	9.463	ng		100
37) 2-Methylnaphthalene	12.386	142	479377	9.846	ng		99
38) 1-Methylnaphthalene	12.604	142	470726	9.685	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	235598	10.760	ng		100
41) Hexachlorocyclopentadiene	12.722	237	88065	12.229	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	140561	9.499	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043990.D
Acq On : 06 Feb 2024 14:03
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 07 03:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	160078	9.482	ng	96
46)	1,1'-Biphenyl	13.404	154	642751	10.587	ng	99
47)	2-Chloronaphthalene	13.439	162	497708	10.280	ng	100
48)	2-Nitroaniline	13.651	65	149379	9.486	ng	96
49)	Acenaphthylene	14.286	152	818726	11.062	ng	100
50)	Dimethylphthalate	14.033	163	617211	10.292	ng	99
51)	2,6-Dinitrotoluene	14.151	165	124274	9.428	ng	98
52)	Acenaphthene	14.627	154	475965	10.145	ng	98
53)	3-Nitroaniline	14.480	138	148271	9.689	ng	97
54)	2,4-Dinitrophenol	14.686	184	44578	12.370	ng	97
55)	Dibenzofuran	14.963	168	767269	10.508	ng	99
56)	4-Nitrophenol	14.780	139	120427	9.005	ng	98
57)	2,4-Dinitrotoluene	14.933	165	161767	8.816	ng	94
58)	Fluorene	15.615	166	629923	10.216	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.186	232	143773	9.878	ng	98
60)	Diethylphthalate	15.398	149	618478	9.963	ng	99
61)	4-Chlorophenyl-phenyle...	15.615	204	291409	10.130	ng	99
62)	4-Nitroaniline	15.639	138	154302	9.222	ng	99
63)	Azobenzene	15.910	77	640335	10.327	ng	99
65)	4,6-Dinitro-2-methylph...	15.692	198	67949	11.808	ng	91
66)	n-Nitrosodiphenylamine	15.833	169	538599	10.593	ng	99
67)	4-Bromophenyl-phenylether	16.510	248	130047	7.734	ng	95
68)	Hexachlorobenzene	16.610	284	196867	9.819	ng	98
69)	Atrazine	16.786	200	171215	12.171	ng	99
70)	Pentachlorophenol	16.957	266	104423	7.932	ng	99
71)	Phenanthrene	17.357	178	1010334	10.627	ng	100
72)	Anthracene	17.451	178	976939	10.495	ng	99
73)	Carbazole	17.727	167	966391	10.025	ng	100
74)	Di-n-butylphthalate	18.304	149	1015147	9.602	ng	100
75)	Fluoranthene	19.380	202	1143082	9.722	ng	99
77)	Benzidine	19.580	184	484050	21.860	ng	99
78)	Pyrene	19.745	202	1231059	10.261	ng	99
80)	Butylbenzylphthalate	20.662	149	443338	9.332	ng	96
81)	Benzo(a)anthracene	21.497	228	1276675	10.427	ng	99
82)	3,3'-Dichlorobenzidine	21.439	252	409734	10.465	ng	98
83)	Chrysene	21.550	228	1192544	10.166	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.450	149	682165	9.656	ng	100
85)	Di-n-octyl phthalate	22.397	149	1112315	9.140	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.427	276	1463570	9.796	ng	100
88)	Benzo(b)fluoranthene	23.191	252	1239218	9.867	ng	99
89)	Benzo(k)fluoranthene	23.244	252	1247420	10.353	ng	100
90)	Benzo(a)pyrene	23.821	252	1098017	9.891	ng	99
91)	Dibenzo(a,h)anthracene	26.456	278	1208797	9.811	ng	100
92)	Benzo(g,h,i)perylene	27.191	276	1166391	9.281	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043990.D
Acq On : 06 Feb 2024 14:03
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 07 03:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024