Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019531.D
Acq On : 02 Feb 2024 16:46
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 02 17:16:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	74765	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	293848	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	181005	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	335693	20.000	ng		0.00
76) Chrysene-d12	21.386	240	304415	20.000	ng		0.00
86) Perylene-d12	23.804	264	408979	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	647128	139.520	ng		0.00
7) Phenol-d6	7.081	99	872520	139.513	ng		0.00
23) Nitrobenzene-d5	9.081	82	565712	83.421	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	355896	134.666	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1247255	85.185	ng		0.00
79) Terphenyl-d14	19.863	244	1488909	80.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	20635	11.547	ng		98
3) Pyridine	3.787	79	46085	9.512	ng		92
4) n-Nitrosodimethylamine	3.711	42	21666	10.272	ng	#	98
6) Aniline	7.246	93	77798	12.802	ng		98
8) 2-Chlorophenol	7.475	128	49945	10.488	ng		95
9) Benzaldehyde	7.058	77	54084	12.335	ng		95
10) Phenol	7.105	94	67207	10.782	ng		95
11) bis(2-Chloroethyl)ether	7.346	93	51672	10.655	ng		99
12) 1,3-Dichlorobenzene	7.799	146	59538	10.218	ng		94
13) 1,4-Dichlorobenzene	7.946	146	62816	10.641	ng		98
14) 1,2-Dichlorobenzene	8.258	146	59031	10.335	ng		99
15) Benzyl Alcohol	8.158	79	55159	11.038	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	52916	10.912	ng		97
17) 2-Methylphenol	8.358	107	44387	10.577	ng		98
18) Hexachloroethane	8.981	117	22802	9.965	ng		95
19) n-Nitroso-di-n-propyla...	8.728	70	45736	10.706	ng		96
20) 3+4-Methylphenols	8.687	107	59905	10.460	ng		95
22) Acetophenone	8.740	105	89994	10.750	ng	#	96
24) Nitrobenzene	9.122	77	71261	10.437	ng		97
25) Isophorone	9.646	82	122290	10.355	ng		99
26) 2-Nitrophenol	9.828	139	24540	9.426	ng		97
27) 2,4-Dimethylphenol	9.887	122	39962	12.004	ng		96
28) bis(2-Chloroethoxy)met...	10.134	93	70616	10.568	ng		99
29) 2,4-Dichlorophenol	10.357	162	51814	10.296	ng		95
30) 1,2,4-Trichlorobenzene	10.575	180	62989	10.209	ng		97
31) Naphthalene	10.763	128	165293	10.256	ng		99
32) Benzoic acid	9.969	122	26484m	8.165	ng		
33) 4-Chloroaniline	10.881	127	66779	11.204	ng		99
34) Hexachlorobutadiene	11.034	225	44653	9.766	ng		96
35) Caprolactam	11.652	113	12471	8.754	ng		97
36) 4-Chloro-3-methylphenol	11.999	107	54130	9.865	ng		98
37) 2-Methylnaphthalene	12.369	142	113742	10.198	ng		99
38) 1-Methylnaphthalene	12.587	142	111969	10.216	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	75159	10.767	ng		99
41) Hexachlorocyclopentadiene	12.704	237	41000	13.001	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	43473	10.285	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019531.D
Acq On : 02 Feb 2024 16:46
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 02 17:16:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.046	196	45843	9.877	ng		99
46)	1,1'-Biphenyl	13.381	154	157135	10.877	ng		100
47)	2-Chloronaphthalene	13.422	162	123200	10.389	ng		99
48)	2-Nitroaniline	13.628	65	31583	9.524	ng		97
49)	Acenaphthylene	14.263	152	186864	11.231	ng		100
50)	Dimethylphthalate	14.010	163	137519	9.925	ng		98
51)	2,6-Dinitrotoluene	14.134	165	28179	9.256	ng		98
52)	Acenaphthene	14.610	154	105496	10.216	ng		98
53)	3-Nitroaniline	14.457	138	26637	9.521	ng		100
54)	2,4-Dinitrophenol	14.663	184	11968	7.571	ng		95
55)	Dibenzofuran	14.945	168	175876	10.457	ng		99
56)	4-Nitrophenol	14.757	139	18837	8.214	ng		95
57)	2,4-Dinitrotoluene	14.916	165	33543	8.408	ng	#	98
58)	Fluorene	15.592	166	135438	10.111	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.169	232	38518	9.866	ng		99
60)	Diethylphthalate	15.381	149	124609	9.041	ng		99
61)	4-Chlorophenyl-phenyle...	15.598	204	75151	9.982	ng		94
62)	4-Nitroaniline	15.616	138	24019	8.190	ng		93
63)	Azobenzene	15.887	77	129312	9.702	ng		99
65)	4,6-Dinitro-2-methylph...	15.675	198	16240	8.484	ng		91
66)	n-Nitrosodiphenylamine	15.810	169	112048	11.145	ng		98
67)	4-Bromophenyl-phenylether	16.492	248	43320	10.323	ng		93
68)	Hexachlorobenzene	16.587	284	51634	10.536	ng		97
69)	Atrazine	16.769	200	38315	11.485	ng		99
70)	Pentachlorophenol	16.939	266	25724	8.429	ng		98
71)	Phenanthrene	17.339	178	190314	10.773	ng		100
72)	Anthracene	17.434	178	188606	10.702	ng		99
73)	Carbazole	17.704	167	155784	9.731	ng		98
74)	Di-n-butylphthalate	18.269	149	171801	8.875	ng		99
75)	Fluoranthene	19.304	202	205368	9.516	ng		99
77)	Benzidine	19.498	184	106902	16.797	ng		99
78)	Pyrene	19.657	202	213414	9.933	ng		99
80)	Butylbenzylphthalate	20.551	149	69225	8.628	ng		97
81)	Benzo(a)anthracene	21.369	228	224994	10.500	ng		100
82)	3,3'-Dichlorobenzidine	21.310	252	87700	11.231	ng		99
83)	Chrysene	21.427	228	213238	10.481	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.322	149	109866	8.993	ng		99
85)	Di-n-octyl phthalate	22.269	149	199607	9.286	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.327	276	335681	10.723	ng		99
88)	Benzo(b)fluoranthene	23.069	252	261860	10.159	ng		99
89)	Benzo(k)fluoranthene	23.116	252	237969	9.665	ng		98
90)	Benzo(a)pyrene	23.698	252	232184	10.124	ng		99
91)	Dibenzo(a,h)anthracene	26.357	278	276806	10.751	ng		100
92)	Benzo(g,h,i)perylene	27.098	276	266488	10.202	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019531.D
Acq On : 02 Feb 2024 16:46
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 02 17:16:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024