Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131295.D
Acq On : 18 Nov 2022 12:35
Operator : CG\JU
Sample : N4955-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 01:15:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 00:46:51 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	76826	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	283317	20.000	ng		0.00
39) Acenaphthene-d10	10.027	164	169644	20.000	ng		0.00
64) Phenanthrene-d10	11.521	188	313685	20.000	ng		0.00
76) Chrysene-d12	14.174	240	233425	20.000	ng	#	0.00
86) Perylene-d12	15.721	264	163499	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	406745	96.904	ng		0.00
7) Phenol-d6	6.581	99	508156	95.498	ng		0.00
23) Nitrobenzene-d5	7.533	82	375441	70.787	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	137926	91.332	ng		0.00
45) 2-Fluorobiphenyl	9.339	172	777875	65.490	ng		0.00
79) Terphenyl-d14	13.121	244	935141	59.883	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	9447	4.868	ng		99
3) Pyridine	3.575	79	22489	4.159	ng		99
4) n-Nitrosodimethylamine	3.487	42	13974	4.165	ng	#	97
6) Aniline	6.628	93	33583	5.043	ng		99
8) 2-Chlorophenol	6.751	128	23302	5.015	ng		93
9) Benzaldehyde	6.516	77	20887	5.407	ng		96
10) Phenol	6.592	94	26994	4.583	ng		95
11) bis(2-Chloroethyl)ether	6.698	93	22294	4.703	ng		94
12) 1,3-Dichlorobenzene	6.910	146	26669	4.825	ng		97
13) 1,4-Dichlorobenzene	6.986	146	25616	4.558	ng		96
14) 1,2-Dichlorobenzene	7.139	146	24647	4.711	ng		98
15) Benzyl Alcohol	7.128	79	7482m	1.651	ng		
16) 2,2'-oxybis(1-Chloropr...	7.239	45	42192	4.701	ng		98
17) 2-Methylphenol	7.204	107	17887	4.404	ng		97
18) Hexachloroethane	7.486	117	8822	4.415	ng		93
19) n-Nitroso-di-n-propyla...	7.369	70	17865	4.668	ng		98
20) 3+4-Methylphenols	7.363	107	23323	4.496	ng		92
22) Acetophenone	7.375	105	36032	4.813	ng		96
24) Nitrobenzene	7.551	77	26676	4.969	ng		94
25) Isophorone	7.786	82	47225	4.664	ng		99
26) 2-Nitrophenol	7.869	139	6220	3.658	ng		90
27) 2,4-Dimethylphenol	7.898	122	17300m	4.345	ng		
28) bis(2-Chloroethoxy)met...	7.998	93	28249	4.995	ng		99
29) 2,4-Dichlorophenol	8.104	162	18111	4.248	ng		94
30) 1,2,4-Trichlorobenzene	8.198	180	23730	4.483	ng		98
31) Naphthalene	8.280	128	70134	4.565	ng		98
32) Benzoic acid	7.916	122	5775m	2.425	ng		
33) 4-Chloroaniline	8.328	127	27861	4.669	ng		95
34) Hexachlorobutadiene	8.398	225	15057	4.304	ng		97
35) Caprolactam	8.651	113	5130	4.322	ng	#	89
36) 4-Chloro-3-methylphenol	8.798	107	19971	4.346	ng		97
37) 2-Methylnaphthalene	8.975	142	48632	4.697	ng		98
38) 1-Methylnaphthalene	9.075	142	44769	4.462	ng		98
40) 1,2,4,5-Tetrachloroben...	9.139	216	24711	4.452	ng		99
41) Hexachlorocyclopentadiene	9.127	237	9938	4.139	ng		91
43) 2,4,6-Trichlorophenol	9.245	196	9827	2.978	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131295.D
Acq On : 18 Nov 2022 12:35
Operator : CG\JU
Sample : N4955-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 01:15:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 00:46:51 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.286	196	14498	4.032	ng		93
46) 1,1'-Biphenyl	9.439	154	61996	4.733	ng		99
47) 2-Chloronaphthalene	9.469	162	48333	4.595	ng		97
48) 2-Nitroaniline	9.557	65	10201	3.509	ng		90
49) Acenaphthylene	9.886	152	71851	4.472	ng		99
50) Dimethylphthalate	9.733	163	53121	4.324	ng		99
51) 2,6-Dinitrotoluene	9.798	165	7665	3.799	ng		90
52) Acenaphthene	10.057	154	44819	4.471	ng		97
53) 3-Nitroaniline	9.969	138	8178	3.830	ng		98
54) 2,4-Dinitrophenol	10.069	184	1277	1.797	ng	#	1
55) Dibenzofuran	10.227	168	68266	4.696	ng		96
56) 4-Nitrophenol	10.110	139	4021	2.502	ng		91
57) 2,4-Dinitrotoluene	10.198	165	8296	3.400	ng	#	96
58) Fluorene	10.574	166	53864	4.666	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.345	232	11344m	3.725	ng		
60) Diethylphthalate	10.439	149	51740	4.415	ng		98
61) 4-Chlorophenyl-phenyle...	10.569	204	27414	4.684	ng		96
62) 4-Nitroaniline	10.580	138	8234	3.795	ng		97
63) Azobenzene	10.727	77	53195	4.370	ng		99
65) 4,6-Dinitro-2-methylph...	10.604	198	2236	2.056	ng	#	78
66) n-Nitrosodiphenylamine	10.680	169	45491	4.500	ng		96
67) 4-Bromophenyl-phenylether	11.063	248	16641	4.421	ng		89
68) Hexachlorobenzene	11.121	284	17729	4.341	ng		94
69) Atrazine	11.210	200	15073	4.674	ng		98
70) Pentachlorophenol	11.316	266	5405	2.477	ng		92
71) Phenanthrene	11.545	178	79109	4.561	ng		98
72) Anthracene	11.598	178	78100	4.604	ng		99
73) Carbazole	11.751	167	67516	4.735	ng		99
74) Di-n-butylphthalate	12.080	149	75210	4.368	ng		98
75) Fluoranthene	12.739	202	84024	4.668	ng		99
77) Benzidine	12.863	184	30740	5.822	ng		97
78) Pyrene	12.968	202	86617	3.857	ng		99
80) Butylbenzylphthalate	13.592	149	22390	3.296	ng	#	84
81) Benzo(a)anthracene	14.168	228	69238	4.207	ng		97
82) 3,3'-Dichlorobenzidine	14.127	252	18227	4.172	ng		94
83) Chrysene	14.204	228	69161	4.394	ng		97
84) Bis(2-ethylhexyl)phtha...	14.157	149	32922	4.163	ng		97
85) Di-n-octyl phthalate	14.786	149	39155	3.488	ng		97
87) Indeno(1,2,3-cd)pyrene	17.298	276	38419	3.098	ng		95
88) Benzo(b)fluoranthene	15.256	252	50179	4.560	ng		98
89) Benzo(k)fluoranthene	15.286	252	46719	4.154	ng		100
90) Benzo(a)pyrene	15.651	252	38583	4.271	ng		98
91) Dibenzo(a,h)anthracene	17.321	278	34293	3.361	ng		99
92) Benzo(g,h,i)perylene	17.774	276	32900	3.189	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131295.D
Acq On : 18 Nov 2022 12:35
Operator : CG\JU
Sample : N4955-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 01:15:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 00:46:51 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022