Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141034.D
Acq On : 30 Dec 2024 16:47
Operator : RC/JU
Sample : P5362-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

Quant Time: Dec 30 17:08:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	251281	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	1011696	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	535091	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	915514	20.000	ng		0.00
76) Chrysene-d12	13.986	240	535605	20.000	ng		0.00
86) Perylene-d12	15.445	264	510431	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2493224	149.563	ng		0.02
7) Phenol-d6	6.457	99	3147657	146.576	ng		0.00
23) Nitrobenzene-d5	7.392	82	2038064	128.884	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	977329	187.966	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	3434049	102.249	ng		0.00
79) Terphenyl-d14	12.933	244	3634857	112.723	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	351932	46.632	ng	#	84
3) Pyridine	3.481	79	571499	30.986	ng		100
4) n-Nitrosodimethylamine	3.416	42	459376	49.157	ng		99
6) Aniline	6.492	93	384951	20.099	ng		98
8) 2-Chlorophenol	6.610	128	960666	54.660	ng		99
10) Phenol	6.469	94	1134183	51.077	ng		97
11) bis(2-Chloroethyl)ether	6.569	93	887617	49.506	ng		98
12) 1,3-Dichlorobenzene	6.769	146	944848	48.712	ng		100
13) 1,4-Dichlorobenzene	6.845	146	952228	48.699	ng		99
14) 1,2-Dichlorobenzene	6.998	146	917455	50.324	ng		99
15) Benzyl Alcohol	6.969	79	801003	51.906	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1394112	51.416	ng		98
17) 2-Methylphenol	7.075	107	778863	53.342	ng		99
18) Hexachloroethane	7.339	117	351227	50.565	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	674050	51.235	ng		99
20) 3+4-Methylphenols	7.233	107	951342	51.487	ng	#	83
22) Acetophenone	7.239	105	1231803	49.633	ng		98
24) Nitrobenzene	7.410	77	980680	55.501	ng		96
25) Isophorone	7.651	82	1800505	52.324	ng		100
26) 2-Nitrophenol	7.728	139	470297	63.076	ng		98
27) 2,4-Dimethylphenol	7.757	122	781312	62.128	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	1097464	50.338	ng		99
29) 2,4-Dichlorophenol	7.963	162	781594	54.799	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	783025	48.504	ng		99
31) Naphthalene	8.133	128	2619046	49.128	ng		100
32) Benzoic acid	7.875	122	591856	55.716	ng		97
33) 4-Chloroaniline	8.175	127	95361	4.945	ng		99
34) Hexachlorobutadiene	8.251	225	469121	49.293	ng		99
35) Caprolactam	8.539	113	209859m	43.281	ng		
36) 4-Chloro-3-methylphenol	8.651	107	834277	52.670	ng		100
37) 2-Methylnaphthalene	8.822	142	1729656	50.716	ng		100
38) 1-Methylnaphthalene	8.922	142	1633480	48.735	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	763326	51.853	ng		99
41) Hexachlorocyclopentadiene	8.975	237	799611	163.909	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	570522	58.231	ng		99
44) 2,4,5-Trichlorophenol	9.133	196	548506	54.715	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141034.D
Acq On : 30 Dec 2024 16:47
Operator : RC/JU
Sample : P5362-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

Quant Time: Dec 30 17:08:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.286	154	2116058	51.647	ng		100
47) 2-Chloronaphthalene	9.310	162	1603805	50.472	ng		99
48) 2-Nitroaniline	9.404	65	508015	59.843	ng		94
49) Acenaphthylene	9.722	152	2500345	54.660	ng		99
50) Dimethylphthalate	9.586	163	1909695	54.258	ng		100
51) 2,6-Dinitrotoluene	9.645	165	428203	58.769	ng		95
52) Acenaphthene	9.898	154	1827847	59.106	ng		99
53) 3-Nitroaniline	9.810	138	113430	16.808	ng	#	93
54) 2,4-Dinitrophenol	9.916	184	448869	124.733	ng	#	1
55) Dibenzofuran	10.069	168	2299139	52.902	ng		99
56) 4-Nitrophenol	9.969	139	750997	124.737	ng		98
57) 2,4-Dinitrotoluene	10.051	165	573777	63.701	ng		96
58) Fluorene	10.410	166	1732833	51.418	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	495788	59.715	ng		98
60) Diethylphthalate	10.286	149	1849974	53.241	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	838233	51.691	ng		97
62) 4-Nitroaniline	10.427	138	383554	49.102	ng		93
63) Azobenzene	10.563	77	1874348	51.392	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	305171	76.673	ng		91
66) n-Nitrosodiphenylamine	10.522	169	1518384	52.668	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	558191	56.401	ng		98
68) Hexachlorobenzene	10.957	284	609841	55.883	ng		99
69) Atrazine	11.045	200	366734	45.534	ng		99
70) Pentachlorophenol	11.151	266	787962	115.972	ng		99
71) Phenanthrene	11.374	178	2634158	54.668	ng		99
72) Anthracene	11.421	178	2658388	56.304	ng		100
73) Carbazole	11.574	167	2315230	51.009	ng		100
74) Di-n-butylphthalate	11.910	149	2833087	54.878	ng		99
75) Fluoranthene	12.557	202	2667228	51.039	ng		100
77) Benzidine	12.680	184	47957	4.237	ng		96
78) Pyrene	12.786	202	2707978	57.810	ng		100
80) Butylbenzylphthalate	13.410	149	1090992	63.783	ng		100
81) Benzo(a)anthracene	13.980	228	1936059	51.865	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	145511	12.974	ng		99
83) Chrysene	14.015	228	1755860	52.179	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1251314	56.398	ng		99
85) Di-n-octyl phthalate	14.592	149	1788037	55.680	ng		99
87) Indeno(1,2,3-cd)pyrene	16.903	276	2170410	67.492	ng		98
88) Benzo(b)fluoranthene	15.027	252	1670093	46.913	ng		99
89) Benzo(k)fluoranthene	15.057	252	1596160	57.207	ng		99
90) Benzo(a)pyrene	15.386	252	1580713	57.207	ng		98
91) Dibenzo(a,h)anthracene	16.927	278	1748071	67.059	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1632591	60.383	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141034.D
Acq On : 30 Dec 2024 16:47
Operator : RC/JU
Sample : P5362-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

Quant Time: Dec 30 17:08:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration