Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141050.D
Acq On : 31 Dec 2024 11:23
Operator : RC/JU
Sample : P5362-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

Quant Time: Dec 31 11:45:58 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	230352	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	918976	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	496643	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	836009	20.000	ng		0.00
76) Chrysene-d12	13.986	240	393323	20.000	ng		0.00
86) Perylene-d12	15.445	264	476566	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2262446	148.050	ng		0.02
7) Phenol-d6	6.457	99	2830397	143.777	ng		0.00
23) Nitrobenzene-d5	7.393	82	1871617	130.300	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	914930	189.587	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	3229458	103.602	ng		0.00
79) Terphenyl-d14	12.933	244	2975359	125.649	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.758	88	310180	44.833	ng	#	84
3) Pyridine	3.463	79	522650	30.912	ng		99
4) n-Nitrosodimethylamine	3.399	42	408779	47.717	ng		99
6) Aniline	6.493	93	315670	17.980	ng		95
8) 2-Chlorophenol	6.616	128	877019	54.434	ng		96
10) Phenol	6.475	94	1004742	49.359	ng		99
11) bis(2-Chloroethyl)ether	6.569	93	807414	49.124	ng		98
12) 1,3-Dichlorobenzene	6.769	146	862839	48.526	ng		100
13) 1,4-Dichlorobenzene	6.846	146	876168	48.881	ng		99
14) 1,2-Dichlorobenzene	6.998	146	838846	50.193	ng		99
15) Benzyl Alcohol	6.969	79	723992	51.178	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1261181	50.739	ng		99
17) 2-Methylphenol	7.081	107	704093	52.603	ng		99
18) Hexachloroethane	7.345	117	323278	50.770	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	617566	51.207	ng		99
20) 3+4-Methylphenols	7.234	107	859164	50.723	ng	#	86
22) Acetophenone	7.240	105	1121412	49.744	ng		97
24) Nitrobenzene	7.410	77	897277	55.904	ng		97
25) Isophorone	7.651	82	1646747	52.685	ng		99
26) 2-Nitrophenol	7.728	139	448067	65.898	ng		98
27) 2,4-Dimethylphenol	7.763	122	707452	61.930	ng		100
28) bis(2-Chloroethoxy)met...	7.863	93	1008599	50.930	ng		99
29) 2,4-Dichlorophenol	7.963	162	717237	55.360	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	721653	49.213	ng		100
31) Naphthalene	8.134	128	2395909	49.477	ng		100
32) Benzoic acid	7.875	122	539358	55.871	ng		97
33) 4-Chloroaniline	8.175	127	81811	4.670	ng		99
34) Hexachlorobutadiene	8.251	225	436407	50.482	ng		100
35) Caprolactam	8.545	113	198493m	45.067	ng		
36) 4-Chloro-3-methylphenol	8.657	107	776315	53.955	ng		99
37) 2-Methylnaphthalene	8.822	142	1605935	51.840	ng		99
38) 1-Methylnaphthalene	8.922	142	1495035	49.105	ng		100
40) 1,2,4,5-Tetrachloroben...	8.987	216	711829	52.098	ng		99
41) Hexachlorocyclopentadiene	8.975	237	853450	188.489	ng		100
43) 2,4,6-Trichlorophenol	9.098	196	520399	57.227	ng		99
44) 2,4,5-Trichlorophenol	9.139	196	529687	56.928	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141050.D
Acq On : 31 Dec 2024 11:23
Operator : RC/JU
Sample : P5362-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

Quant Time: Dec 31 11:45:58 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	9.287	154	1945296	51.155	ng		100
47) 2-Chloronaphthalene	9.310	162	1484568	50.336	ng		99
48) 2-Nitroaniline	9.404	65	468373	59.476	ng		93
49) Acenaphthylene	9.728	152	2307406	54.347	ng		99
50) Dimethylphthalate	9.586	163	1802824	55.187	ng		100
51) 2,6-Dinitrotoluene	9.645	165	409385	60.426	ng		96
52) Acenaphthene	9.898	154	1728479	60.220	ng		99
53) 3-Nitroaniline	9.810	138	75559	12.985	ng	#	94
54) 2,4-Dinitrophenol	9.922	184	451441	131.272	ng	#	1
55) Dibenzofuran	10.069	168	2117754	52.501	ng		99
56) 4-Nitrophenol	9.975	139	673553	120.535	ng		95
57) 2,4-Dinitrotoluene	10.051	165	553721	66.054	ng		94
58) Fluorene	10.410	166	1590906	50.861	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	465162	60.364	ng		98
60) Diethylphthalate	10.286	149	1737471	53.874	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	788959	52.419	ng		98
62) 4-Nitroaniline	10.428	138	337363	46.707	ng		93
63) Azobenzene	10.563	77	1728825	51.072	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	301414	82.168	ng		93
66) n-Nitrosodiphenylamine	10.522	169	1393151	52.920	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	527647	58.385	ng		99
68) Hexachlorobenzene	10.957	284	567260	56.924	ng		100
69) Atrazine	11.045	200	298407	40.574	ng		99
70) Pentachlorophenol	11.151	266	722306	116.419	ng		100
71) Phenanthrene	11.375	178	2365531	53.762	ng		100
72) Anthracene	11.428	178	2382942	55.270	ng		100
73) Carbazole	11.575	167	2027569	48.920	ng		100
74) Di-n-butylphthalate	11.910	149	2576813	54.661	ng		100
75) Fluoranthene	12.563	202	2256974	47.295	ng		98
77) Benzidine	12.680	184	57535	6.922	ng	#	93
78) Pyrene	12.786	202	2203962	64.070	ng		100
80) Butylbenzylphthalate	13.410	149	823945	65.596	ng		100
81) Benzo(a)anthracene	13.974	228	1381591	50.400	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	96417	11.707	ng		98
83) Chrysene	14.010	228	1341215	54.275	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	918706	56.385	ng		99
85) Di-n-octyl phthalate	14.592	149	1421857	60.294	ng		98
87) Indeno(1,2,3-cd)pyrene	16.910	276	2041908	68.008	ng		98
88) Benzo(b)fluoranthene	15.027	252	1533522	46.138	ng		99
89) Benzo(k)fluoranthene	15.057	252	1392896	53.469	ng		99
90) Benzo(a)pyrene	15.386	252	1474947	57.172	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	1657060	68.084	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1553299	61.533	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141050.D
Acq On : 31 Dec 2024 11:23
Operator : RC/JU
Sample : P5362-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20241219MS

Quant Time: Dec 31 11:45:58 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