Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137990.D
Acq On : 21 May 2024 21:15
Operator : CG\JU
Sample : P2538-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 02:58:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	142229	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	558501	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	303045	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	443539	20.000	ng	0.00
76) Chrysene-d12	14.233	240	313417	20.000	ng	0.00
86) Perylene-d12	15.792	264	265465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	863146	103.086	ng	0.00
7) Phenol-d6	6.657	99	1087978	105.482	ng	0.00
23) Nitrobenzene-d5	7.598	82	655965	69.120	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	314286	102.856	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1304389	66.303	ng	0.00
79) Terphenyl-d14	13.163	244	1045518	49.164	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.969	88	142031	39.156	ng	98
3) Pyridine	3.734	79	321354	39.484	ng	98
4) n-Nitrosodimethylamine	3.698	42	171558	47.781	ng	95
6) Aniline	6.704	93	391642m	42.452	ng	
8) 2-Chlorophenol	6.822	128	443640	48.960	ng	98
9) Benzaldehyde	6.587	77	88000	15.770	ng	100
10) Phenol	6.669	94	512708	49.248	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	386922	48.404	ng	97
12) 1,3-Dichlorobenzene	6.975	146	468942	44.729	ng	98
13) 1,4-Dichlorobenzene	7.051	146	478585	45.478	ng	98
14) 1,2-Dichlorobenzene	7.204	146	456660	46.107	ng	100
15) Benzyl Alcohol	7.175	79	364490	52.921	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	481224	48.975	ng	99
17) 2-Methylphenol	7.275	107	353790	48.958	ng	99
18) Hexachloroethane	7.545	117	160834	45.165	ng	98
19) n-Nitroso-di-n-propyla...	7.445	70	283313	48.891	ng	97
20) 3+4-Methylphenols	7.428	107	463878	49.000	ng	95
22) Acetophenone	7.445	105	594238	47.496	ng	99
24) Nitrobenzene	7.616	77	430073	44.672	ng	97
25) Isophorone	7.851	82	793068	48.150	ng	100
26) 2-Nitrophenol	7.933	139	242665	50.163	ng	97
27) 2,4-Dimethylphenol	7.957	122	326269	52.386	ng	96
28) bis(2-Chloroethoxy)met...	8.057	93	477123	47.796	ng	100
29) 2,4-Dichlorophenol	8.169	162	382715	48.866	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	396095	45.297	ng	99
31) Naphthalene	8.345	128	1306552	46.527	ng	100
32) Benzoic acid	8.075	122	252952	48.046	ng	98
33) 4-Chloroaniline	8.386	127	402052	43.674	ng	99
34) Hexachlorobutadiene	8.451	225	241078	43.556	ng	99
35) Caprolactam	8.763	113	118987m	52.440	ng	
36) 4-Chloro-3-methylphenol	8.863	107	395722	49.669	ng	99
37) 2-Methylnaphthalene	9.033	142	849496	47.062	ng	98
38) 1-Methylnaphthalene	9.133	142	789240	44.475	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	404975	49.155	ng	99
41) Hexachlorocyclopentadiene	9.186	237	278913	89.096	ng	97
43) 2,4,6-Trichlorophenol	9.310	196	275297	50.964	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137990.D
Acq On : 21 May 2024 21:15
Operator : CG\JU
Sample : P2538-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 02:58:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	295616	50.015	ng		96
46) 1,1'-Biphenyl	9.498	154	1037039	48.790	ng		100
47) 2-Chloronaphthalene	9.527	162	800957	47.206	ng		98
48) 2-Nitroaniline	9.622	65	224692	51.714	ng		97
49) Acenaphthylene	9.945	152	1268057	51.976	ng		98
50) Dimethylphthalate	9.798	163	960050	50.520	ng		100
51) 2,6-Dinitrotoluene	9.863	165	212037	48.615	ng		96
52) Acenaphthene	10.122	154	855591	53.060	ng		100
53) 3-Nitroaniline	10.033	138	203762	47.788	ng		99
54) 2,4-Dinitrophenol	10.139	184	152680	66.121	ng	#	78
55) Dibenzofuran	10.292	168	1156567	49.284	ng		99
56) 4-Nitrophenol	10.186	139	300108	97.997	ng		96
57) 2,4-Dinitrotoluene	10.269	165	278150	49.331	ng		95
58) Fluorene	10.633	166	930993	50.157	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	226415m	48.762	ng		
60) Diethylphthalate	10.498	149	886269	49.937	ng		100
61) 4-Chlorophenyl-phenyle...	10.622	204	431621	47.153	ng		98
62) 4-Nitroaniline	10.651	138	193493	47.845	ng		97
63) Azobenzene	10.786	77	781213	48.392	ng		96
65) 4,6-Dinitro-2-methylph...	10.674	198	113819	44.443	ng		94
66) n-Nitrosodiphenylamine	10.739	169	762340	56.046	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	259329	53.333	ng		98
68) Hexachlorobenzene	11.180	284	261861	48.719	ng	#	91
69) Atrazine	11.269	200	231516	62.332	ng		99
70) Pentachlorophenol	11.374	266	301733	95.836	ng		98
71) Phenanthrene	11.610	178	1681114	76.914	ng		99
72) Anthracene	11.657	178	1252758	57.767	ng		99
73) Carbazole	11.810	167	959218	48.420	ng		100
74) Di-n-butylphthalate	12.127	149	1335873	60.762	ng		100
75) Fluoranthene	12.804	202	1765380	79.574	ng		99
77) Benzidine	12.916	184	169574	41.400	ng		99
78) Pyrene	13.033	202	1773134	64.683	ng		100
80) Butylbenzylphthalate	13.645	149	1895617	229.259	ng		99
81) Benzo(a)anthracene	14.221	228	1391652	70.184	ng		97
82) 3,3'-Dichlorobenzidine	14.180	252	330961	60.228	ng		98
83) Chrysene	14.262	228	1269015	66.918	ng		99
84) Bis(2-ethylhexyl)phtha...	14.186	149	586126	56.391	ng		99
85) Di-n-octyl phthalate	14.815	149	1034452	73.670	ng		99
87) Indeno(1,2,3-cd)pyrene	17.415	276	671506	39.372	ng		98
88) Benzo(b)fluoranthene	15.327	252	1263896	82.228	ng		99
89) Benzo(k)fluoranthene	15.362	252	954251	63.195	ng		99
90) Benzo(a)pyrene	15.727	252	932270	71.030	ng		97
91) Dibenzo(a,h)anthracene	17.439	278	479293	34.013	ng		99
92) Benzo(g,h,i)perylene	17.915	276	532835	35.995	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137990.D
Acq On : 21 May 2024 21:15
Operator : CG\JU
Sample : P2538-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 22 02:58:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOILMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024