Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141188.D
Acq On : 16 Jan 2025 16:32
Operator : RC/JU
Sample : Q1094-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Quant Time: Jan 16 16:51:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	154401	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	573685	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	270550	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	385674	20.000	ng		0.00
76) Chrysene-d12	13.992	240	285507	20.000	ng		0.00
86) Perylene-d12	15.457	264	257132	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1205973	120.659	ng		0.01
7) Phenol-d6	6.451	99	1500394	118.509	ng		0.00
23) Nitrobenzene-d5	7.381	82	978912	90.451	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	367275	119.139	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1688323	95.293	ng		0.00
79) Terphenyl-d14	12.927	244	1439030	74.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	201810	45.342	ng		99
3) Pyridine	3.381	79	493227	45.190	ng		98
4) n-Nitrosodimethylamine	3.328	42	271763	50.923	ng		98
6) Aniline	6.522	93	44158m	3.928	ng		
8) 2-Chlorophenol	6.604	128	561077	52.323	ng		97
9) Benzaldehyde	6.363	77	71159	9.543	ng		97
10) Phenol	6.469	94	660673	48.748	ng		99
11) bis(2-Chloroethyl)ether	6.551	93	651775m	64.531	ng		
12) 1,3-Dichlorobenzene	6.757	146	589571	49.296	ng		99
13) 1,4-Dichlorobenzene	6.834	146	598431	49.654	ng		100
14) 1,2-Dichlorobenzene	6.987	146	568791	50.595	ng		98
15) Benzyl Alcohol	6.957	79	494056	54.036	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.093	45	707102	50.170	ng		87
17) 2-Methylphenol	7.075	107	442218	51.080	ng		96
18) Hexachloroethane	7.328	117	213916	49.082	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	388231	52.056	ng		98
20) 3+4-Methylphenols	7.228	107	534230	48.913	ng	#	77
22) Acetophenone	7.228	105	739703	54.239	ng	#	95
24) Nitrobenzene	7.398	77	581211	51.529	ng		99
25) Isophorone	7.640	82	1018008	55.042	ng		99
26) 2-Nitrophenol	7.716	139	291301	56.775	ng		99
27) 2,4-Dimethylphenol	7.757	122	445725	64.405	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	627646	54.074	ng		100
29) 2,4-Dichlorophenol	7.963	162	441847	53.756	ng		99
30) 1,2,4-Trichlorobenzene	8.040	180	478024	50.880	ng		100
31) Naphthalene	8.122	128	1642590	54.294	ng		100
32) Benzoic acid	7.875	122	275073	41.434	ng		97
33) 4-Chloroaniline	8.198	127	218057	20.841	ng		99
34) Hexachlorobutadiene	8.240	225	302855	53.497	ng		98
35) Caprolactam	8.540	113	124240	46.169	ng		97
36) 4-Chloro-3-methylphenol	8.657	107	457665	50.912	ng		99
37) 2-Methylnaphthalene	8.816	142	1009789	52.378	ng		100
38) 1-Methylnaphthalene	8.910	142	928141	48.850	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	454994	58.593	ng		99
41) Hexachlorocyclopentadiene	8.963	237	303234	119.358	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	295300	56.385	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141188.D
Acq On : 16 Jan 2025 16:32
Operator : RC/JU
Sample : Q1094-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Quant Time: Jan 16 16:51:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	296143	53.541	ng		99
46) 1,1'-Biphenyl	9.281	154	1205990	57.398	ng		99
47) 2-Chloronaphthalene	9.304	162	875281	53.485	ng		100
48) 2-Nitroaniline	9.398	65	272762	56.227	ng		99
49) Acenaphthylene	9.716	152	1321098	56.504	ng		100
50) Dimethylphthalate	9.581	163	1062933	58.522	ng		100
51) 2,6-Dinitrotoluene	9.639	165	223808	52.988	ng		96
52) Acenaphthene	9.892	154	901041	55.161	ng		100
53) 3-Nitroaniline	9.810	138	154198	35.925	ng		99
54) 2,4-Dinitrophenol	9.910	184	87241	43.455	ng	#	73
55) Dibenzofuran	10.063	168	1198302	53.933	ng		99
56) 4-Nitrophenol	9.969	139	328530	97.732	ng		96
57) 2,4-Dinitrotoluene	10.045	165	285665	52.480	ng		98
58) Fluorene	10.404	166	903334	52.332	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	229860	49.996	ng		99
60) Diethylphthalate	10.281	149	995742	56.156	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	444880	52.880	ng		99
62) 4-Nitroaniline	10.416	138	168868	40.197	ng		98
63) Azobenzene	10.557	77	977473	55.867	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	67906	30.385	ng		98
66) n-Nitrosodiphenylamine	10.516	169	775825	62.367	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	273760	61.654	ng		100
68) Hexachlorobenzene	10.951	284	288739	58.416	ng		99
69) Atrazine	11.045	200	228846	68.323	ng		100
70) Pentachlorophenol	11.145	266	323447	102.182	ng		99
71) Phenanthrene	11.369	178	1389020	67.084	ng		99
72) Anthracene	11.422	178	1229156	61.052	ng		99
73) Carbazole	11.575	167	1006307	54.511	ng		100
74) Di-n-butylphthalate	11.910	149	1487904	70.427	ng		100
75) Fluoranthene	12.557	202	1498157	72.507	ng		99
77) Benzidine	12.680	184	231499	43.724	ng		98
78) Pyrene	12.786	202	1468394	53.847	ng		100
80) Butylbenzylphthalate	13.410	149	505282	55.575	ng		98
81) Benzo(a)anthracene	13.980	228	1211337	62.342	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	271371	43.861	ng		99
83) Chrysene	14.016	228	1093101	60.124	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	714160	65.466	ng		99
85) Di-n-octyl phthalate	14.598	149	1195678	72.583	ng		100
87) Indeno(1,2,3-cd)pyrene	16.915	276	910391	48.327	ng		97
88) Benzo(b)fluoranthene	15.033	252	1198638	72.291	ng		99
89) Benzo(k)fluoranthene	15.063	252	830902	59.299	ng		99
90) Benzo(a)pyrene	15.398	252	908618	66.420	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	722623	47.427	ng		99
92) Benzo(g,h,i)perylene	17.357	276	677133	42.726	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141188.D
Acq On : 16 Jan 2025 16:32
Operator : RC/JU
Sample : Q1094-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Quant Time: Jan 16 16:51:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration