Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141212.D
Acq On : 20 Jan 2025 10:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 20 11:30:02 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	6.810	152	179826	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	695851	20.000	ng		-0.01
39) Acenaphthene-d10	9.851	164	379338	20.000	ng		-0.01
64) Phenanthrene-d10	11.333	188	651777	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	435133	20.000	ng		-0.01
86) Perylene-d12	15.439	264	378255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	887765	76.264	ng		-0.01
7) Phenol-d6	6.445	99	1130564	76.672	ng		0.00
23) Nitrobenzene-d5	7.375	82	1035446	78.878	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	369885	85.576	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1919585	77.274	ng		-0.01
79) Terphenyl-d14	12.922	244	2168767	74.080	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	195619	37.737	ng		98
3) Pyridine	3.257	79	459371	36.137	ng		96
4) n-Nitrosodimethylamine	3.210	42	233464	37.561	ng		97
6) Aniline	6.475	93	431972	32.996	ng		95
8) 2-Chlorophenol	6.598	128	487756	39.055	ng		98
9) Benzaldehyde	6.363	77	397188	45.735	ng		97
10) Phenol	6.457	94	596553	37.794	ng		94
11) bis(2-Chloroethyl)ether	6.551	93	451773	38.405	ng		97
12) 1,3-Dichlorobenzene	6.751	146	551187	39.571	ng		98
13) 1,4-Dichlorobenzene	6.828	146	547534	39.008	ng		100
14) 1,2-Dichlorobenzene	6.981	146	512367	39.132	ng		99
15) Benzyl Alcohol	6.951	79	419104	39.357	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	591272	36.020	ng		95
17) 2-Methylphenol	7.063	107	391980	38.876	ng		99
18) Hexachloroethane	7.322	117	198518	39.109	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	327309	37.682	ng		98
20) 3+4-Methylphenols	7.222	107	490374	38.549	ng	#	80
22) Acetophenone	7.222	105	640268	38.705	ng		95
24) Nitrobenzene	7.398	77	534584	39.074	ng		98
25) Isophorone	7.634	82	883042	39.362	ng		99
26) 2-Nitrophenol	7.710	139	261219	41.973	ng		98
27) 2,4-Dimethylphenol	7.745	122	331024	39.434	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	549992	39.065	ng		100
29) 2,4-Dichlorophenol	7.951	162	405510	40.674	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	454226	39.859	ng		100
31) Naphthalene	8.116	128	1443445	39.335	ng		100
32) Benzoic acid	7.863	122	349410	43.391	ng		98
33) 4-Chloroaniline	8.169	127	442472	34.865	ng		99
34) Hexachlorobutadiene	8.234	225	275485	40.119	ng		99
35) Caprolactam	8.534	113	130913m	40.107	ng		
36) 4-Chloro-3-methylphenol	8.645	107	443278	40.655	ng		100
37) 2-Methylnaphthalene	8.804	142	926865	39.636	ng		100
38) 1-Methylnaphthalene	8.904	142	910731	39.518	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	431864	39.665	ng		100
41) Hexachlorocyclopentadiene	8.957	237	148460	41.678	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	303577	41.342	ng		100

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Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	309532	39.913	ng	98
46) 1,1'-Biphenyl	9.269	154	1147801	38.962	ng	99
47) 2-Chloronaphthalene	9.292	162	898296	39.150	ng	100
48) 2-Nitroaniline	9.386	65	269989	39.694	ng	98
49) Acenaphthylene	9.710	152	1284397	39.180	ng	100
50) Dimethylphthalate	9.575	163	1010444	39.677	ng	100
51) 2,6-Dinitrotoluene	9.633	165	238558	40.283	ng	98
52) Acenaphthene	9.881	154	914414	39.925	ng	99
53) 3-Nitroaniline	9.798	138	243673	40.490	ng	97
54) 2,4-Dinitrophenol	9.904	184	130404	46.326	ng	93
55) Dibenzofuran	10.051	168	1219686	39.152	ng	99
56) 4-Nitrophenol	9.957	139	198979	42.217	ng	99
57) 2,4-Dinitrotoluene	10.033	165	320306	41.969	ng	98
58) Fluorene	10.398	166	955100	39.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	264691	41.061	ng	99
60) Diethylphthalate	10.269	149	991777	39.892	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	470770	39.909	ng	100
62) 4-Nitroaniline	10.416	138	249961	42.436	ng	99
63) Azobenzene	10.551	77	946738	38.592	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	182578	48.341	ng	94
66) n-Nitrosodiphenylamine	10.510	169	830832	39.521	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	307567	40.988	ng	98
68) Hexachlorobenzene	10.945	284	350408	41.949	ng	97
69) Atrazine	11.033	200	259196	45.790	ng	99
70) Pentachlorophenol	11.139	266	230220	43.036	ng	99
71) Phenanthrene	11.357	178	1401546	40.054	ng	99
72) Anthracene	11.410	178	1386401	40.747	ng	100
73) Carbazole	11.563	167	1288279	41.294	ng	100
74) Di-n-butylphthalate	11.898	149	1507420	42.220	ng	100
75) Fluoranthene	12.545	202	1506192	43.134	ng	99
77) Benzidine	12.669	184	226849	28.113	ng	100
78) Pyrene	12.774	202	1510983	36.356	ng	99
80) Butylbenzylphthalate	13.398	149	575326	41.520	ng	98
81) Benzo(a)anthracene	13.963	228	1133698	38.283	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	328537	34.842	ng	99
83) Chrysene	14.004	228	1014991	36.630	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	690140	41.510	ng	100
85) Di-n-octyl phthalate	14.586	149	998346	39.765	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	1035784	37.377	ng	98
88) Benzo(b)fluoranthene	15.015	252	1010647	41.435	ng	99
89) Benzo(k)fluoranthene	15.045	252	820048	39.784	ng	100
90) Benzo(a)pyrene	15.380	252	809044	40.203	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	844969	37.699	ng	98
92) Benzo(g,h,i)perylene	17.327	276	857662	36.788	ng	99

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

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