Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141113.D
Acq On : 10 Jan 2025 14:36
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 10 22:20:03 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 22:16:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	178652	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	695197	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	363903	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	589244	20.000	ng	0.00
76) Chrysene-d12	13.986	240	328095	20.000	ng	0.00
86) Perylene-d12	15.439	264	356368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	891763	77.111	ng	0.00
7) Phenol-d6	6.445	99	1118731	76.368	ng	0.00
23) Nitrobenzene-d5	7.387	82	1015102	77.401	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	318067	76.709	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1782936	74.817	ng	0.00
79) Terphenyl-d14	12.933	244	1669190	75.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	201329	39.093	ng	100
3) Pyridine	3.281	79	486021	38.485	ng	100
4) n-Nitrosodimethylamine	3.228	42	242419	39.258	ng	100
6) Aniline	6.487	93	508897	39.127	ng	100
8) 2-Chlorophenol	6.604	128	480497	38.726	ng	100
9) Benzaldehyde	6.369	77	303180	37.048	ng	100
10) Phenol	6.463	94	607714	38.754	ng	100
11) bis(2-Chloroethyl)ether	6.557	93	448899	38.412	ng	100
12) 1,3-Dichlorobenzene	6.763	146	527365	38.109	ng	100
13) 1,4-Dichlorobenzene	6.840	146	534324	38.317	ng	100
14) 1,2-Dichlorobenzene	6.992	146	493883	37.968	ng	100
15) Benzyl Alcohol	6.963	79	413856	39.120	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	630969	38.691	ng	100
17) 2-Methylphenol	7.069	107	388877	38.821	ng	100
18) Hexachloroethane	7.334	117	195745	38.816	ng	100
19) n-Nitroso-di-n-propyla...	7.234	70	323787	37.522	ng	100
20) 3+4-Methylphenols	7.222	107	491194	38.868	ng	100
22) Acetophenone	7.234	105	618403	37.419	ng	100
24) Nitrobenzene	7.404	77	524255	38.355	ng	100
25) Isophorone	7.640	82	857957	38.280	ng	100
26) 2-Nitrophenol	7.722	139	247962	39.881	ng	100
27) 2,4-Dimethylphenol	7.751	122	328632	39.185	ng	100
28) bis(2-Chloroethoxy)met...	7.851	93	537705	38.228	ng	100
29) 2,4-Dichlorophenol	7.957	162	385578	38.711	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	435914	38.288	ng	100
31) Naphthalene	8.128	128	1388249	37.866	ng	100
32) Benzoic acid	7.857	122	330807	41.119	ng	100
33) 4-Chloroaniline	8.175	127	479132	37.789	ng	100
34) Hexachlorobutadiene	8.245	225	261671	38.143	ng	100
35) Caprolactam	8.545	113	126481	38.712	ng	100
36) 4-Chloro-3-methylphenol	8.651	107	420106	38.566	ng	100
37) 2-Methylnaphthalene	8.816	142	887132	37.973	ng	100
38) 1-Methylnaphthalene	8.916	142	868573	37.724	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	403442	38.626	ng	100
41) Hexachlorocyclopentadiene	8.969	237	145258	42.508	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	276355	39.231	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	291660	39.203	ng	100
46) 1,1'-Biphenyl	9.281	154	1084649	38.380	ng	100
47) 2-Chloronaphthalene	9.304	162	847410	38.499	ng	100
48) 2-Nitroaniline	9.398	65	255218	39.114	ng	100
49) Acenaphthylene	9.722	152	1207984	38.412	ng	100
50) Dimethylphthalate	9.581	163	945319	38.695	ng	100
51) 2,6-Dinitrotoluene	9.645	165	226979	39.953	ng	100
52) Acenaphthene	9.892	154	847617	38.579	ng	100
53) 3-Nitroaniline	9.810	138	229868	39.816	ng	100
54) 2,4-Dinitrophenol	9.916	184	113135	41.896	ng	100
55) Dibenzofuran	10.063	168	1154072	38.617	ng	100
56) 4-Nitrophenol	9.963	139	181889	40.228	ng	100
57) 2,4-Dinitrotoluene	10.045	165	287835	39.314	ng	100
58) Fluorene	10.410	166	870839	37.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	241313	39.022	ng	100
60) Diethylphthalate	10.281	149	912032	38.240	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	431993	38.175	ng	100
62) 4-Nitroaniline	10.422	138	218358	38.644	ng	100
63) Azobenzene	10.563	77	905963	38.497	ng	100
65) 4,6-Dinitro-2-methylph...	10.451	198	152510	44.665	ng	100
66) n-Nitrosodiphenylamine	10.522	169	766755	40.343	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	273038	40.247	ng	100
68) Hexachlorobenzene	10.957	284	303316	40.165	ng	100
69) Atrazine	11.045	200	166125	32.462	ng	100
70) Pentachlorophenol	11.145	266	204286	42.241	ng	100
71) Phenanthrene	11.369	178	1254420	39.653	ng	100
72) Anthracene	11.422	178	1227926	39.920	ng	100
73) Carbazole	11.575	167	1112672	39.450	ng	100
74) Di-n-butylphthalate	11.910	149	1280428	39.669	ng	100
75) Fluoranthene	12.557	202	1222253	38.718	ng	100
77) Benzidine	12.680	184	268331	44.102	ng	100
78) Pyrene	12.786	202	1212637	38.696	ng	100
80) Butylbenzylphthalate	13.410	149	403087	38.580	ng	100
81) Benzo(a)anthracene	13.974	228	817209	36.599	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	274265	38.575	ng	100
83) Chrysene	14.016	228	791711	37.894	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	476500	38.010	ng	100
85) Di-n-octyl phthalate	14.586	149	755449	39.906	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	1049124	40.183	ng	100
88) Benzo(b)fluoranthene	15.021	252	855723	37.238	ng	100
89) Benzo(k)fluoranthene	15.051	252	743248	38.272	ng	100
90) Benzo(a)pyrene	15.380	252	740229	39.043	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	852935	40.391	ng	100
92) Benzo(g,h,i)perylene	17.339	276	900014	40.976	ng	100

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

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