Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141117.D
Acq On : 10 Jan 2025 16:53
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 10 22:22:59 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	163037	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	625072	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	333513	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	593257	20.000	ng		0.00
76) Chrysene-d12	13.998	240	341879	20.000	ng		0.01
86) Perylene-d12	15.468	264	333662	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1007728	95.484	ng		0.00
7) Phenol-d6	6.445	99	1279370	95.699	ng		0.00
23) Nitrobenzene-d5	7.386	82	1156878	98.108	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	383942	101.033	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	2040487	93.427	ng		0.00
79) Terphenyl-d14	12.939	244	2188278	95.134	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	233484	49.679	ng		98
3) Pyridine	3.287	79	555795	48.225	ng		98
4) n-Nitrosodimethylamine	3.240	42	280365	49.752	ng		98
6) Aniline	6.487	93	564714	47.577	ng		99
8) 2-Chlorophenol	6.604	128	545244	48.153	ng		99
9) Benzaldehyde	6.369	77	318659	42.669	ng		100
10) Phenol	6.463	94	678615	47.420	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	521191	48.869	ng		98
12) 1,3-Dichlorobenzene	6.763	146	613813	48.605	ng		99
13) 1,4-Dichlorobenzene	6.839	146	609332	47.881	ng		99
14) 1,2-Dichlorobenzene	6.992	146	565717	47.656	ng		99
15) Benzyl Alcohol	6.963	79	474583	49.156	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	711735	47.824	ng		100
17) 2-Methylphenol	7.069	107	444678	48.644	ng		100
18) Hexachloroethane	7.334	117	224751	48.837	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	373068	47.373	ng		98
20) 3+4-Methylphenols	7.228	107	546998	47.429	ng	#	85
22) Acetophenone	7.234	105	711333	47.871	ng		98
24) Nitrobenzene	7.404	77	599817	48.807	ng		99
25) Isophorone	7.645	82	982492	48.754	ng		99
26) 2-Nitrophenol	7.722	139	287436	51.416	ng		99
27) 2,4-Dimethylphenol	7.751	122	374236	49.629	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	614567	48.594	ng		99
29) 2,4-Dichlorophenol	7.957	162	447208	49.935	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	495397	48.394	ng		99
31) Naphthalene	8.128	128	1598576	48.495	ng		100
32) Benzoic acid	7.869	122	391608	54.138	ng		98
33) 4-Chloroaniline	8.175	127	544930	47.801	ng		99
34) Hexachlorobutadiene	8.245	225	302873	49.102	ng		99
35) Caprolactam	8.545	113	146669m	49.927	ng		
36) 4-Chloro-3-methylphenol	8.651	107	488345	49.859	ng		99
37) 2-Methylnaphthalene	8.816	142	1021264	48.619	ng		98
38) 1-Methylnaphthalene	8.916	142	992651	47.950	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	460261	48.082	ng		99
41) Hexachlorocyclopentadiene	8.969	237	157828	50.395	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	318276	49.299	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	342288	50.201	ng		98
46) 1,1'-Biphenyl	9.286	154	1243305	48.003	ng		99
47) 2-Chloronaphthalene	9.310	162	979002	48.530	ng		99
48) 2-Nitroaniline	9.398	65	304048	50.844	ng		96
49) Acenaphthylene	9.722	152	1398990	48.539	ng		100
50) Dimethylphthalate	9.586	163	1098805	49.076	ng		100
51) 2,6-Dinitrotoluene	9.645	165	262596	50.434	ng		96
52) Acenaphthene	9.898	154	988008	49.066	ng		99
53) 3-Nitroaniline	9.810	138	266881	50.440	ng		97
54) 2,4-Dinitrophenol	9.916	184	139903	56.530	ng	#	86
55) Dibenzofuran	10.069	168	1321844	48.261	ng		100
56) 4-Nitrophenol	9.963	139	220382	53.183	ng		95
57) 2,4-Dinitrotoluene	10.045	165	353808	52.728	ng		97
58) Fluorene	10.410	166	1011650	47.543	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	277818	49.019	ng		98
60) Diethylphthalate	10.286	149	1074789	49.171	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	494329	47.665	ng		97
62) 4-Nitroaniline	10.427	138	269415	52.024	ng		98
63) Azobenzene	10.563	77	1054277	48.881	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	192136	55.890	ng		95
66) n-Nitrosodiphenylamine	10.522	169	894530	46.748	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	326554	47.810	ng		99
68) Hexachlorobenzene	10.957	284	361542	47.551	ng		99
69) Atrazine	11.051	200	272232	52.837	ng		99
70) Pentachlorophenol	11.145	266	250381	51.422	ng		99
71) Phenanthrene	11.374	178	1503408	47.203	ng		99
72) Anthracene	11.422	178	1473797	47.589	ng		100
73) Carbazole	11.580	167	1386206	48.815	ng		100
74) Di-n-butylphthalate	11.916	149	1600680	49.255	ng		100
75) Fluoranthene	12.563	202	1558556	49.037	ng		99
77) Benzidine	12.680	184	290459	45.814	ng		99
78) Pyrene	12.792	202	1571607	48.129	ng		99
80) Butylbenzylphthalate	13.416	149	578964	53.179	ng		98
81) Benzo(a)anthracene	13.986	228	1136119	48.830	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	364178	49.156	ng		99
83) Chrysene	14.021	228	1057551	48.577	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	700052	53.591	ng		99
85) Di-n-octyl phthalate	14.610	149	1055383	53.503	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1185030	48.477	ng		99
88) Benzo(b)fluoranthene	15.045	252	1096957	50.984	ng		100
89) Benzo(k)fluoranthene	15.074	252	865456	47.598	ng		99
90) Benzo(a)pyrene	15.410	252	874134	49.243	ng		100
91) Dibenzo(a,h)anthracene	16.956	278	959595	48.535	ng		99
92) Benzo(g,h,i)perylene	17.380	276	996659	48.464	ng		99

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

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