Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141114.D
Acq On : 10 Jan 2025 15:03
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 10 22:20:46 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	168162	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	640547	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	337354	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	564564	20.000	ng		0.00
76) Chrysene-d12	13.992	240	287303	20.000	ng		0.00
86) Perylene-d12	15.457	264	337142	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1033306	94.924	ng		0.00
7) Phenol-d6	6.451	99	1311083	95.082	ng		0.00
23) Nitrobenzene-d5	7.387	82	1184107	97.991	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	372933	97.019	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2032891	92.019	ng		0.00
79) Terphenyl-d14	12.933	244	1878106	97.160	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	234769	48.430	ng		99
3) Pyridine	3.281	79	560525	47.153	ng		98
4) n-Nitrosodimethylamine	3.234	42	292126	50.259	ng		99
6) Aniline	6.487	93	580980	47.456	ng		100
8) 2-Chlorophenol	6.604	128	554701	47.496	ng		99
9) Benzaldehyde	6.369	77	330137	42.859	ng		99
10) Phenol	6.463	94	695108	47.092	ng		99
11) bis(2-Chloroethyl)ether	6.563	93	514262	46.750	ng		98
12) 1,3-Dichlorobenzene	6.763	146	622082	47.758	ng		100
13) 1,4-Dichlorobenzene	6.840	146	624973	47.613	ng		100
14) 1,2-Dichlorobenzene	6.993	146	583248	47.636	ng		99
15) Benzyl Alcohol	6.963	79	482930	48.496	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	733112	47.759	ng		99
17) 2-Methylphenol	7.069	107	458160	48.591	ng		99
18) Hexachloroethane	7.334	117	228586	48.156	ng		99
19) n-Nitroso-di-n-propyla...	7.240	70	379314	46.699	ng		99
20) 3+4-Methylphenols	7.228	107	554182	46.587	ng	#	84
22) Acetophenone	7.234	105	721041	47.352	ng		98
24) Nitrobenzene	7.404	77	617008	48.992	ng		99
25) Isophorone	7.645	82	1002259	48.534	ng		99
26) 2-Nitrophenol	7.722	139	292718	51.096	ng		99
27) 2,4-Dimethylphenol	7.751	122	381326	49.348	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	633328	48.868	ng		100
29) 2,4-Dichlorophenol	7.957	162	450889	49.130	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	505834	48.220	ng		99
31) Naphthalene	8.128	128	1606863	47.569	ng		100
32) Benzoic acid	7.869	122	397050	53.564	ng		97
33) 4-Chloroaniline	8.175	127	559689	47.909	ng		99
34) Hexachlorobutadiene	8.245	225	307896	48.710	ng		99
35) Caprolactam	8.551	113	145775	48.423	ng		97
36) 4-Chloro-3-methylphenol	8.651	107	490869	48.906	ng		99
37) 2-Methylnaphthalene	8.816	142	1025281	47.631	ng		99
38) 1-Methylnaphthalene	8.916	142	1005160	47.381	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	467478	48.280	ng		99
41) Hexachlorocyclopentadiene	8.969	237	167696	52.937	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	320510	49.080	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	341936	49.578	ng	99
46) 1,1'-Biphenyl	9.281	154	1245331	47.534	ng	100
47) 2-Chloronaphthalene	9.304	162	979161	47.985	ng	99
48) 2-Nitroaniline	9.398	65	304989	50.420	ng	97
49) Acenaphthylene	9.722	152	1383986	47.472	ng	99
50) Dimethylphthalate	9.587	163	1089216	48.093	ng	100
51) 2,6-Dinitrotoluene	9.645	165	261813	49.711	ng	98
52) Acenaphthene	9.892	154	979017	48.066	ng	99
53) 3-Nitroaniline	9.810	138	266746	49.840	ng	97
54) 2,4-Dinitrophenol	9.916	184	134560	53.752	ng	93
55) Dibenzofuran	10.069	168	1320724	47.671	ng	100
56) 4-Nitrophenol	9.963	139	207797	49.575	ng	98
57) 2,4-Dinitrotoluene	10.045	165	341847	50.365	ng	99
58) Fluorene	10.410	166	1003113	46.605	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	287106	50.081	ng	100
60) Diethylphthalate	10.286	149	1060963	47.985	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	493866	47.078	ng	99
62) 4-Nitroaniline	10.422	138	253197	48.336	ng	98
63) Azobenzene	10.563	77	1031826	47.295	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	185561	56.721	ng	98
66) n-Nitrosodiphenylamine	10.522	169	877916	48.211	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	324143	49.869	ng	100
68) Hexachlorobenzene	10.957	284	353634	48.875	ng	99
69) Atrazine	11.045	200	153316	31.269	ng	99
70) Pentachlorophenol	11.145	266	236050	50.943	ng	99
71) Phenanthrene	11.369	178	1436847	47.406	ng	100
72) Anthracene	11.422	178	1396788	47.394	ng	99
73) Carbazole	11.575	167	1256394	46.493	ng	100
74) Di-n-butylphthalate	11.910	149	1468440	47.482	ng	100
75) Fluoranthene	12.557	202	1371300	45.338	ng	100
77) Benzidine	12.680	184	237980	44.667	ng	100
78) Pyrene	12.786	202	1376049	50.145	ng	100
80) Butylbenzylphthalate	13.410	149	454373	49.663	ng	100
81) Benzo(a)anthracene	13.980	228	960905	49.145	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	305462	49.063	ng	99
83) Chrysene	14.016	228	874518	47.800	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	541827	49.358	ng	100
85) Di-n-octyl phthalate	14.604	149	904039	54.536	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	1264918	51.211	ng	99
88) Benzo(b)fluoranthene	15.033	252	1042294	47.944	ng	99
89) Benzo(k)fluoranthene	15.063	252	879708	47.883	ng	99
90) Benzo(a)pyrene	15.398	252	888275	49.523	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	1022665	51.191	ng	99
92) Benzo(g,h,i)perylene	17.363	276	1073470	51.660	ng	99

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

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