Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012825\
Data File : BF141284.D
Acq On : 28 Jan 2025 16:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 28 23:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 28 23:33:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	138141	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	531265	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	284173	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	474632	20.000	ng	0.00
76) Chrysene-d12	13.968	240	249608	20.000	ng	0.00
86) Perylene-d12	15.415	264	289727	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	849490	95.113	ng	0.00
7) Phenol-d6	6.434	99	1070782	94.854	ng	0.00
23) Nitrobenzene-d5	7.363	82	981782	97.580	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	279063	96.050	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1649200	89.986	ng	0.00
79) Terphenyl-d14	12.910	244	1533102	96.092	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	195022	49.033	ng	99
3) Pyridine	3.216	79	461269	50.202	ng	100
4) n-Nitrosodimethylamine	3.169	42	273754	49.777	ng	99
6) Aniline	6.463	93	424091	48.768	ng	94
8) 2-Chlorophenol	6.587	128	458000	47.771	ng	99
9) Benzaldehyde	6.351	77	288448	44.588	ng	99
10) Phenol	6.445	94	570506	47.689	ng	100
11) bis(2-Chloroethyl)ether	6.539	93	444982	47.801	ng	98
12) 1,3-Dichlorobenzene	6.739	146	505844	47.743	ng	99
13) 1,4-Dichlorobenzene	6.816	146	507906	47.763	ng	100
14) 1,2-Dichlorobenzene	6.975	146	468167	46.990	ng	99
15) Benzyl Alcohol	6.939	79	387091	48.800	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	782217	48.297	ng	100
17) 2-Methylphenol	7.051	107	370592	48.062	ng	99
18) Hexachloroethane	7.310	117	189475	48.495	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	314993	47.245	ng	99
20) 3+4-Methylphenols	7.210	107	441365	46.679	ng	92
22) Acetophenone	7.210	105	592025	46.923	ng	98
24) Nitrobenzene	7.386	77	510433	49.097	ng	100
25) Isophorone	7.622	82	844958	48.666	ng	99
26) 2-Nitrophenol	7.698	139	244596	50.807	ng	98
27) 2,4-Dimethylphenol	7.734	122	294519	49.733	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	535504	48.576	ng	100
29) 2,4-Dichlorophenol	7.939	162	371144	48.785	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	419161	48.586	ng	99
31) Naphthalene	8.104	128	1328736	47.694	ng	100
32) Benzoic acid	7.857	122	322095	54.057	ng	98
33) 4-Chloroaniline	8.157	127	430803	49.137	ng	99
34) Hexachlorobutadiene	8.222	225	246330	48.225	ng	99
35) Caprolactam	8.528	113	124279	50.051	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	398527	48.536	ng	100
37) 2-Methylnaphthalene	8.792	142	839111	47.158	ng	99
38) 1-Methylnaphthalene	8.892	142	823297	47.328	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	380463	47.064	ng	100
41) Hexachlorocyclopentadiene	8.945	237	132013	53.771	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	262110	49.289	ng	100

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44) 2,4,5-Trichlorophenol	9.110	196	278543	48.736	ng	99
46) 1,1'-Biphenyl	9.257	154	1037196	46.783	ng	100
47) 2-Chloronaphthalene	9.286	162	810441	47.353	ng	99
48) 2-Nitroaniline	9.380	65	271593	50.341	ng	97
49) Acenaphthylene	9.698	152	1142490	47.543	ng	100
50) Dimethylphthalate	9.563	163	900542	47.556	ng	99
51) 2,6-Dinitrotoluene	9.622	165	216304	49.212	ng	98
52) Acenaphthene	9.869	154	820573	47.761	ng	100
53) 3-Nitroaniline	9.792	138	220847	49.342	ng	98
54) 2,4-Dinitrophenol	9.898	184	117684	60.142	ng	87
55) Dibenzofuran	10.045	168	1076255	46.856	ng	99
56) 4-Nitrophenol	9.951	139	169933	53.051	ng	95
57) 2,4-Dinitrotoluene	10.028	165	275863	49.230	ng	98
58) Fluorene	10.386	166	816661	45.812	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	221180	48.210	ng	99
60) Diethylphthalate	10.263	149	863782	47.236	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	401247	46.437	ng	99
62) 4-Nitroaniline	10.404	138	215983	50.579	ng	99
63) Azobenzene	10.539	77	871926	47.196	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	155654	54.738	ng	96
66) n-Nitrosodiphenylamine	10.498	169	728073	47.651	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	254178	47.973	ng	98
68) Hexachlorobenzene	10.933	284	282448	47.640	ng	98
69) Atrazine	11.022	200	105884	33.626	ng	98
70) Pentachlorophenol	11.127	266	177950	52.142	ng	99
71) Phenanthrene	11.351	178	1193217	46.657	ng	100
72) Anthracene	11.398	178	1171312	46.984	ng	100
73) Carbazole	11.557	167	1054401	47.314	ng	99
74) Di-n-butylphthalate	11.886	149	1246684	47.397	ng	100
75) Fluoranthene	12.539	202	1172784	46.780	ng	99
77) Benzidine	12.657	184	193589	64.794	ng	98
78) Pyrene	12.769	202	1166953	48.952	ng	100
80) Butylbenzylphthalate	13.386	149	414247	50.814	ng	99
81) Benzo(a)anthracene	13.957	228	828991	48.595	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	261516	49.682	ng	98
83) Chrysene	13.992	228	791423	49.418	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	504861	49.960	ng	99
85) Di-n-octyl phthalate	14.563	149	850881	52.895	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	1035135	50.459	ng	100
88) Benzo(b)fluoranthene	14.998	252	844824	47.550	ng	100
89) Benzo(k)fluoranthene	15.027	252	810848	49.430	ng	100
90) Benzo(a)pyrene	15.357	252	758675	49.072	ng	100
91) Dibenzo(a,h)anthracene	16.886	278	828667	50.649	ng	99
92) Benzo(g,h,i)perylene	17.304	276	877348	50.127	ng	99

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

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